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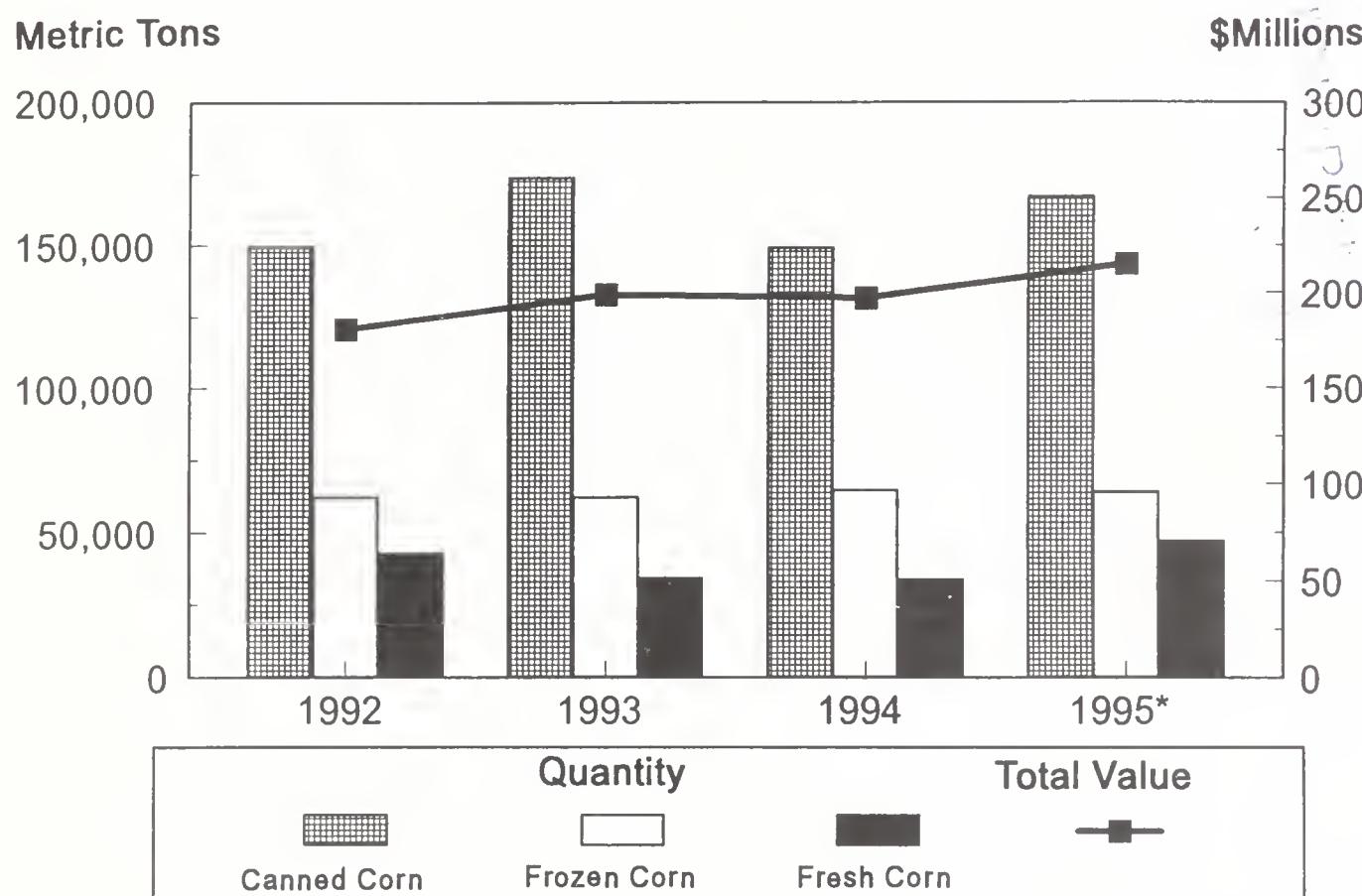
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 United States  
 Department of  
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Foreign  
 Agricultural  
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Circular Series  
 FHORT 2-96  
 February 1996

# World Horticultural Trade & U.S. Export Opportunities

## U.S. Exports of Fresh and Canned Sweet Corn in Calendar Year 1995 Exceed Previous Year's Level



Source: U.S. Census of the Bureau

\* FAS calendar year forecast based on export trend from January through October 1995.

U.S. canned and fresh sweet corn exports in calendar 1995 are estimated at 167,000 and 47,000 metric tons, respectively. A sharp rise in canned sweet corn exports to the European Union (EU) and dramatic gains to Korea and the Philippines are the reasons for the higher estimates. During the first 10 months of 1995 (January-October), U.S. exports of canned sweet corn totaled 134,000 tons valued at \$110 million, up 13 percent in volume and 14 percent in value from the same period in 1994. Exports of fresh sweet corn for the same period, totaling 46,000 tons and valued at \$19 million, were up significantly (41 percent in volume and 28 percent in value). Exports of frozen corn during the same period totaled 51,000 tons valued at \$44 million, about the same as the previous year. Asia and the EU accounted for the bulk of U.S. canned and frozen corn exports, while Canada accounted for the major share of fresh corn exports. [ For more details regarding U.S. exports of fresh and processed sweet corn, see article in page 33].

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**ANALYSIS**

|                    |              |  |
|--------------------|--------------|--|
| Casey Bean         | 202-720-4620 | Fresh deciduous fruit, table grapes, apple juice, olives and stone fruit   |
| Brian Grunenfelder | 202-690-2702 | Trade policy, food safety, and plant health group leader   |
| Bill Janis         | 202-720-0897 | Fresh and processed potatoes, tree nuts, tropical fruits, wine and brandy  |
| Bob Knapp          | 202-720-6877 | Canned deciduous fruit, kiwifruit, NAFTA, PL-480, and GSM-102 export credits   |
| Emanuel McNeil     | 202-720-2083 | Fresh and processed vegetables, melons, bananas, nursery products, and cut flowers                                       |
| Debra A. Pumphrey  | 202-720-8899 | Coffee, cocoa, tea, spices, essential oils, and ginseng  |
| Stephanie Riddick  | 202-720-9792 | Dried fruit, avocados, beer, hops, berries, and circular coordinator   |
| Samuel Rosa        | 202-720-6086 | Sugar, fresh citrus and juices, honey, mushrooms, and CBI  |
| Joe Somers         | 202-720-2974 | Situation and outlook group leader, fresh and processed citrus, trade forecasts, FAO citrus liaison, and circular editor |

**MARKETING**

|                 |              |  |
|-----------------|--------------|--|
| Jayne Carbone   | 202-720-0911 | Citrus and processed fruit                                     |
| Laura Davis     | 202-720-2252 | Deciduous fruit  |
| Ted Goldammer   | 202-720-8498 | Wine, brandy, hops, and potatoes                               |
| Wayne Molstad   | 202-720-0898 | Vegetables, grape juice, cranberry juice, honey, and kiwifruit |
| Stacey Peckins  | 202-720-5330 | Tree nuts, papaya, foliage, plants                             |
| Steve Shnitzler | 202-720-8495 | Dried fruit, avocados, and ginseng                             |

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### Export Summary

U.S. exports of horticultural products to all countries in October 1995 totaled \$ 899.9 million, 3 percent above the same month a year earlier. Eight out of 15 categories of agricultural exports registered increases. Categories with the most significant increases in September were miscellaneous items (up \$9.2 million or 26 percent), frozen vegetables (up \$3.6 million or 22 percent), wine (up \$3.9 million or 20 percent), and frozen fruit (up \$.9 million or 173 percent). Hops and products registered the sharpest decline (down \$3 million or 44 percent).

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All measures not otherwise noted are metric. One kilogram (kg.) = 2.2046 pounds,  
 1 metric ton = 2,204.62 pounds, 1 liter = 0.2642 gallon,  
 1 hectoliter (hl.) = 26.42 gallons, and 1 hectare (ha.) = 2.471 acres.

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U. S. EXPORTS OF SELECTED HORTICULTURAL COMMODITIES  
WORLD TOTAL, OCTOBER-SEPTEMBER YEAR  
OCT 95

| NAME                   |                     | QUANTITY     |         |              |         |           |                |         |                | VALUE (1,000 DOLLARS) |              |              |    |    |             |    |             |    |              |
|------------------------|---------------------|--------------|---------|--------------|---------|-----------|----------------|---------|----------------|-----------------------|--------------|--------------|----|----|-------------|----|-------------|----|--------------|
| GROUP                  | COMMODITY           | CURR<br>LAST | MO      | CURR<br>LAST | MO      | YR        | TODATE<br>LAST | YR      | TODATE<br>CURR | YR                    | LAST<br>YEAR | CURR<br>LAST | MO | YR | TDT<br>LAST | YR | TDT<br>CURR | YR | LAST<br>YEAR |
| FR. FRUIT CITRUS MT    | GRAPEFRUIT          | 34,832       | 35,903  | 34,832       | 35,903  | 481,742   | 16,519         | 19,638  | 16,519         | 19,638                | 239,515      |              |    |    |             |    |             |    |              |
|                        | LEMONS              | 9,906        | 10,334  | 9,906        | 10,334  | 126,120   | 12,191         | 13,280  | 12,191         | 13,280                | 120,392      |              |    |    |             |    |             |    |              |
|                        | ORANGES, INCL TMPLS | 20,863       | 16,224  | 20,863       | 16,224  | 580,755   | 9,788          | 9,405   | 9,788          | 9,405                 | 324,139      |              |    |    |             |    |             |    |              |
|                        | OTHER CITRUS        | 1,824        | 1,851   | 1,824        | 1,851   | 24,297    | 1,614          | 1,506   | 1,614          | 1,506                 | 20,789       |              |    |    |             |    |             |    |              |
|                        | Subtotal:----       | 67,427       | 64,312  | 67,427       | 64,312  | 1,212,916 | 40,115         | 43,830  | 40,115         | 43,830                | 704,836      |              |    |    |             |    |             |    |              |
| FR. FRT. NON-CIT MT    | APPLES              | 81,006       | 58,522  | 81,006       | 58,522  | 663,048   | 46,092         | 37,296  | 46,092         | 37,296                | 405,155      |              |    |    |             |    |             |    |              |
|                        | AVOCADOS            | 673          | 1,563   | 673          | 1,563   | 12,489    | 551            | 1,093   | 551            | 1,093                 | 13,228       |              |    |    |             |    |             |    |              |
|                        | CHERRIES SWT & TRT  | 131          | 805     | 131          | 805     | 30,268    | 90             | 700     | 90             | 700                   | 139,775      |              |    |    |             |    |             |    |              |
|                        | GRAPES              | 45,378       | 42,535  | 45,378       | 42,535  | 204,786   | 52,980         | 49,172  | 52,980         | 49,172                | 250,677      |              |    |    |             |    |             |    |              |
|                        | KIWIFRUIT           | 383          | 174     | 383          | 174     | 9,505     | 492            | 265     | 492            | 265                   | 13,084       |              |    |    |             |    |             |    |              |
|                        | MELONS              | 10,155       | 9,203   | 10,155       | 9,203   | 212,881   | 4,375          | 4,414   | 4,375          | 4,414                 | 85,470       |              |    |    |             |    |             |    |              |
|                        | PAPAYA              | 719          | 707     | 719          | 707     | 8,260     | 1,310          | 1,417   | 1,310          | 1,417                 | 18,107       |              |    |    |             |    |             |    |              |
|                        | PEACHES & NCTRNS    | 2,307        | 1,036   | 2,307        | 1,036   | 68,235    | 1,510          | 864     | 1,510          | 864                   | 63,671       |              |    |    |             |    |             |    |              |
|                        | PEARS               | 22,328       | 21,209  | 22,328       | 21,209  | 127,960   | 11,382         | 11,867  | 11,382         | 11,867                | 71,527       |              |    |    |             |    |             |    |              |
|                        | PLUMS/PRUNES        | 3,113        | 1,660   | 3,113        | 1,660   | 40,431    | 2,637          | 1,715   | 2,637          | 1,715                 | 48,372       |              |    |    |             |    |             |    |              |
|                        | STRAWBERRIES        | 3,642        | 4,574   | 3,642        | 4,574   | 49,320    | 9,605          | 9,670   | 9,605          | 9,670                 | 86,629       |              |    |    |             |    |             |    |              |
|                        | OTHER NON-CITRUS    | 5,693        | 5,831   | 5,693        | 5,831   | 48,272    | 6,098          | 6,776   | 6,098          | 6,776                 | 60,322       |              |    |    |             |    |             |    |              |
|                        | Subtotal:----       | 175,532      | 147,826 | 175,532      | 147,826 | 1,475,462 | 137,128        | 125,256 | 137,128        | 125,256               | 1,256,023    |              |    |    |             |    |             |    |              |
| CND/PREP FRUIT MT      | CHERRIES TRT CND    | 713          | 879     | 713          | 879     | 8,722     | 1,012          | 1,052   | 1,012          | 1,052                 | 11,490       |              |    |    |             |    |             |    |              |
|                        | FRUIT MIXTURES      | 2,408        | 3,072   | 2,408        | 3,072   | 28,885    | 2,736          | 3,521   | 2,736          | 3,521                 | 34,317       |              |    |    |             |    |             |    |              |
|                        | MARACHINO CHRY      | 480          | 322     | 480          | 322     | 4,917     | 1,041          | 631     | 1,041          | 631                   | 10,196       |              |    |    |             |    |             |    |              |
|                        | PEACHES CANNED      | 1,775        | 1,861   | 1,775        | 1,861   | 20,915    | 1,627          | 1,689   | 1,627          | 1,689                 | 19,087       |              |    |    |             |    |             |    |              |
|                        | PINEAPPLE CANNED    | 317          | 375     | 317          | 375     | 3,833     | 238            | 320     | 238            | 320                   | 3,445        |              |    |    |             |    |             |    |              |
|                        | FRT PREP/PRES       | 6,557        | 6,021   | 6,557        | 6,021   | 77,143    | 8,325          | 7,340   | 8,325          | 7,340                 | 89,360       |              |    |    |             |    |             |    |              |
|                        | OTHER CANNED FR     | 2,743        | 3,215   | 2,743        | 3,215   | 41,246    | 2,811          | 3,631   | 2,811          | 3,631                 | 38,673       |              |    |    |             |    |             |    |              |
|                        | Subtotal:----       | 14,995       | 15,749  | 14,995       | 15,749  | 185,663   | 17,794         | 18,187  | 17,794         | 18,187                | 206,571      |              |    |    |             |    |             |    |              |
| DRIED FRUIT MT         | PRUNES DRIED        | 6,948        | 7,928   | 6,948        | 7,928   | 60,237    | 16,386         | 18,012  | 16,386         | 18,012                | 142,075      |              |    |    |             |    |             |    |              |
|                        | RAISINS DRIED       | 13,504       | 13,671  | 13,504       | 13,671  | 122,132   | 21,737         | 22,976  | 21,737         | 22,976                | 196,097      |              |    |    |             |    |             |    |              |
|                        | OTHER DRIED FRUIT   | 3,455        | 2,880   | 3,455        | 2,880   | 32,032    | 7,437          | 7,530   | 7,437          | 7,530                 | 62,303       |              |    |    |             |    |             |    |              |
|                        | Subtotal:----       | 23,908       | 24,480  | 23,908       | 24,480  | 214,402   | 45,561         | 48,519  | 45,561         | 48,519                | 400,476      |              |    |    |             |    |             |    |              |
| FROZEN FRUIT MT        | BLUEBERRIES, FZN    | 401          | 938     | 401          | 938     | 7,742     | 542            | 1,480   | 542            | 1,480                 | 11,597       |              |    |    |             |    |             |    |              |
|                        | STRAWBERRIES, FZN   | 3,235        | 1,069   | 3,235        | 1,069   | 25,729    | 4,171          | 4,125   | 4,171          | 4,125                 | 33,529       |              |    |    |             |    |             |    |              |
|                        | OTHER FZN FRUIT     | 1,481        | 3,261   | 1,481        | 3,261   | 19,310    | 2,275          | 4,022   | 2,275          | 4,022                 | 27,829       |              |    |    |             |    |             |    |              |
|                        | Subtotal:----       | 5,117        | 5,268   | 5,117        | 5,268   | 52,782    | 6,990          | 6,928   | 6,990          | 6,928                 | 72,956       |              |    |    |             |    |             |    |              |
| FRT&VEG JUICE (5SE) KL | GRAPEFRUIT JU CNC   | 4,413        | 3,015   | 4,413        | 3,015   | 55,965    | 3,001          | 2,236   | 3,001          | 2,236                 | 41,668       |              |    |    |             |    |             |    |              |
|                        | ORANGE JU NT CNC    | 12,678       | 11,109  | 12,678       | 11,109  | 156,960   | 8,362          | 8,155   | 8,362          | 8,155                 | 105,564      |              |    |    |             |    |             |    |              |
|                        | ORANGE JUICE CNC    | 14,361       | 19,617  | 14,361       | 19,617  | 284,382   | 9,247          | 10,668  | 9,247          | 10,668                | 165,312      |              |    |    |             |    |             |    |              |
|                        | OTHER JUICES        | 34,389       | 48,622  | 34,389       | 48,622  | 426,297   | 24,683         | 32,257  | 24,683         | 32,257                | 317,333      |              |    |    |             |    |             |    |              |
|                        | Subtotal:----       | 65,842       | 82,365  | 65,842       | 82,365  | 923,605   | 45,295         | 53,318  | 45,295         | 53,318                | 629,879      |              |    |    |             |    |             |    |              |
| VEGETABLES FR MT       | ASPARAGUS, FR, CHLD | 147          | 118     | 147          | 118     | 18,543    | 523            | 312     | 523            | 312                   | 66,817       |              |    |    |             |    |             |    |              |
|                        | 8ROCCOLI            | 5,289        | 8,202   | 5,289        | 8,202   | 116,621   | 4,229          | 5,456   | 4,229          | 5,456                 | 91,261       |              |    |    |             |    |             |    |              |
|                        | CAULI FLOWER        | 7,032        | 7,420   | 7,032        | 7,420   | 99,327    | 4,816          | 4,608   | 4,816          | 4,608                 | 73,676       |              |    |    |             |    |             |    |              |
|                        | CELERI              | 7,245        | 7,105   | 7,245        | 7,105   | 111,149   | 2,636          | 2,814   | 2,636          | 2,814                 | 57,180       |              |    |    |             |    |             |    |              |
|                        | LETTUCE, FR, CH.    | 24,867       | 23,619  | 24,867       | 23,619  | 275,794   | 15,015         | 11,138  | 15,015         | 11,138                | 184,043      |              |    |    |             |    |             |    |              |
|                        | ONIONS, FR          | 56,494       | 22,751  | 56,494       | 22,751  | 311,266   | 15,666         | 15,666  | 15,666         | 15,666                | 105,026      |              |    |    |             |    |             |    |              |
|                        | PEPPERS             | 4,134        | 4,529   | 4,134        | 4,529   | 50,146    | 3,767          | 3,296   | 3,767          | 3,296                 | 48,726       |              |    |    |             |    |             |    |              |
|                        | TOMATOES, FR, CH.   | 15,355       | 12,336  | 15,355       | 12,336  | 139,476   | 10,938         | 8,499   | 10,938         | 8,499                 | 109,687      |              |    |    |             |    |             |    |              |
|                        | OTHER VEG, FR       | 51,141       | 41,661  | 51,141       | 41,661  | 726,644   | 31,574         | 29,630  | 31,574         | 29,630                | 400,143      |              |    |    |             |    |             |    |              |
|                        | Subtotal:----       | 171,707      | 127,745 | 171,707      | 127,745 | 1,848,970 | 89,167         | 72,018  | 89,167         | 72,018                | 1,136,564    |              |    |    |             |    |             |    |              |
| VEGETABLES CANNED MT   | CATSUP & CHILI SA   | 4,513        | 3,411   | 4,513        | 3,411   | 40,411    | 3,068          | 2,503   | 3,068          | 2,503                 | 29,801       |              |    |    |             |    |             |    |              |
|                        | SWEET CORN CANNED   | 13,092       | 13,237  | 13,092       | 13,237  | 165,152   | 11,352         | 10,358  | 11,352         | 10,358                | 138,094      |              |    |    |             |    |             |    |              |
|                        | TOMATO PASTE        | 9,454        | 12,319  | 9,454        | 12,319  | 86,613    | 7,355          | 9,927   | 7,355          | 9,927                 | 71,448       |              |    |    |             |    |             |    |              |
|                        | TOMATO SAUCE        | 5,785        | 7,446   | 5,785        | 7,446   | 79,204    | 5,647          | 7,467   | 5,647          | 7,467                 | 77,615       |              |    |    |             |    |             |    |              |
|                        | OTHER CANNED VEG    | 21,293       | 19,500  | 21,293       | 19,500  | 234,435   | 25,184         | 25,184  | 25,184         | 25,184                | 281,163      |              |    |    |             |    |             |    |              |
|                        | Subtotal:----       | 54,139       | 55,914  | 54,139       | 55,914  | 605,818   | 52,607         | 55,362  | 52,607         | 55,362                | 598,123      |              |    |    |             |    |             |    |              |
| FROZEN VEGETABLES MT   | FROZEN FRENCH FRY   | 22,202       | 26,850  | 22,202       | 26,850  | 353,130   | 16,232         | 19,874  | 16,232         | 19,874                | 260,204      |              |    |    |             |    |             |    |              |
|                        | FZN SWT CORN        | 7,631        | 6,212   | 7,631        | 6,212   | 65,341    | 6,724          | 5,114   | 6,724          | 5,114                 | 57,477       |              |    |    |             |    |             |    |              |
|                        | OTHER POT. FZN      | 1,716        | 1,692   | 1,716        | 1,692   | 25,302    | 1,571          | 1,302   | 1,571          | 1,302                 | 20,454       |              |    |    |             |    |             |    |              |
|                        | OTHER FZN VEG       | 5,625        | 6,193   | 5,625        | 6,193   | 69,838    | 5,197          | 5,852   | 5,197          | 5,852                 | 63,108       |              |    |    |             |    |             |    |              |
|                        | Subtotal:----       | 37,175       | 40,949  | 37,175       | 40,949  | 513,613   | 29,724         | 32,144  | 29,724         | 32,144</td            |              |              |    |    |             |    |             |    |              |

| NAME                |               | QUANTITY  |         |         |         |             |         |             |         | VALUE (1,000 DOLLARS) |           |         |         |             |             |           |      |
|---------------------|---------------|-----------|---------|---------|---------|-------------|---------|-------------|---------|-----------------------|-----------|---------|---------|-------------|-------------|-----------|------|
| GRDUP &             | CDMDDITY      | CURR LAST | MD YR   | CURR MD | YR      | TDOATE LAST | YR      | TDOATE CURR | YR      | LAST                  | CURR LAST | MD YR   | CURR MD | YR TDT LAST | YR TDT CURR | YR TDT YR | LAST |
| FRESH FRUIT         | MT            | 9,884     | 18,002  | 9,884   | 18,002  | 142,315     | 2,593   | S,030       | 2,593   | 5,030                 | 5,499     | 7,721   | 5,499   | 7,721       | 17,636      | 95,959    |      |
| APPLS               |               | 4,996     | 8,425   | 4,996   | 8,425   | 18,869      | 5,499   | 7,721       | 5,499   | 5,499                 | 7,721     | 5,499   | 7,721   | 5,499       | 81,334      |           |      |
| AVDCAO              |               | 343,803   | 330,053 | 343,803 | 330,053 | 3,673,712   | 91,509  | 94,375      | 91,509  | 94,375                | 91,509    | 94,375  | 91,509  | 94,375      | 1,052,675   |           |      |
| 8ANANA              |               | 2,320     | 2,374   | 2,320   | 2,374   | 274,960     | 706     | 779         | 706     | 779                   | 706       | 779     | 706     | 779         | 81,334      |           |      |
| CANTELOUPE          |               | 96        | 274     | 96      | 274     | 363,687     | 80      | 370         | 80      | 370                   | 80        | 370     | 80      | 370         | 305,123     |           |      |
| GRAPE               |               | 60        | 568     | 60      | 568     | 36,557      | 54      | 577         | 54      | 577                   | 54        | 577     | 54      | 577         | 21,709      |           |      |
| KIWI FRUIT          |               | 864       | 744     | 864     | 744     | 142,045     | 1,133   | 1,062       | 1,133   | 1,062                 | 1,133     | 1,062   | 1,133   | 1,062       | 120,810     |           |      |
| MANGD               |               | 0         | 8       | 0       | 8       | 49,504      | 0       | 5           | 0       | 5                     | 0         | 5       | 0       | 5           | 31,822      |           |      |
| PEACH               |               | 339       | 372     | 339     | 372     | 48,064      | 1,123   | 1,261       | 1,123   | 1,261                 | 1,123     | 1,261   | 1,123   | 1,261       | 26,363      |           |      |
| PEAR                |               | 11,070    | 9,490   | 11,070  | 9,490   | 124,861     | 3,270   | 3,296       | 3,270   | 3,296                 | 3,270     | 3,296   | 3,270   | 3,296       | 42,735      |           |      |
| PINEAPPLE           |               | 36        | 13      | 36      | 13      | 26,775      | 70      | 40          | 70      | 40                    | 70        | 40      | 70      | 40          | 45,952      |           |      |
| STRAWBERRY          |               | 4,997     | 7,124   | 4,997   | 7       | 124         | 262,325 | 1,846       | 2,245   | 1,846                 | 2,245     | 1,846   | 2,245   | 1,846       | 86,115      |           |      |
| DTHER MELDN         |               | 59,247    | 57,115  | 59,247  | 57,115  | 517,083     | 26,379  | 26,438      | 26,379  | 26,438                | 26,379    | 26,438  | 26,379  | 26,438      | 228,312     |           |      |
| DTHER FRUIT         | Subtotal ---- | 437,717   | 434,569 | 437,717 | 434,569 | 5,680,764   | 134,266 | 143,203     | 134,266 | 143,203               | 134,266   | 143,203 | 134,266 | 143,203     | 2,156,551   |           |      |
| ORIED FRUIT         | MT            | 1,261     | 1,090   | 1,261   | 1,090   | 14,219      | 1,919   | 2,257       | 1,919   | 2,257                 | 1,919     | 2,257   | 1,919   | 2,257       | 23,594      |           |      |
| DRD APRICDI         |               | 840       | 662     | 840     | 662     | 12,257      | 1,684   | 1,604       | 1,684   | 1,604                 | 1,684     | 1,604   | 1,684   | 1,604       | 14,525      |           |      |
| ORD FIG & PASTE     |               | 2,058     | 2,256   | 2,058   | 2,256   | 21,971      | 2,931   | 3,192       | 2,931   | 3,192                 | 2,931     | 3,192   | 2,931   | 3,192       | 31,441      |           |      |
| DTHER DRD FRUIT     | Subtotal ---- | 4,160     | 4,009   | 4,160   | 4,009   | 48,448      | 6,535   | 7,054       | 6,535   | 7,054                 | 6,535     | 7,054   | 6,535   | 7,054       | 69,561      |           |      |
| FRDZEN FRUIT        | MT            | 822       | 924     | 822     | 924     | 8,364       | 1,030   | 1,098       | 1,030   | 1,098                 | 1,030     | 1,098   | 1,030   | 1,098       | 11,187      |           |      |
| FZN 8LUEBERRIES     |               | 106       | 148     | 106     | 148     | 26,585      | 147     | 249         | 147     | 249                   | 147       | 249     | 147     | 249         | 26,548      |           |      |
| FZN STR             |               | 1,293     | 1,829   | 1,293   | 1,829   | 24,786      | 1,300   | 2,139       | 1,300   | 2,139                 | 1,300     | 2,139   | 1,300   | 2,139       | 27,293      |           |      |
| OTHER FZN FRUIT     | Subtotal ---- | 2,222     | 2,903   | 2,222   | 2,903   | 59,736      | 2,478   | 3,488       | 2,478   | 3,488                 | 2,478     | 3,488   | 2,478   | 3,488       | 65,030      |           |      |
| CANNED/PREP FRUIT   | MT            | 5,974     | 6,086   | 5,974   | 6,086   | 64,089      | 13,502  | 17,552      | 13,502  | 17,552                | 13,502    | 17,552  | 13,502  | 17,552      | 163,721     |           |      |
| CANNED DILIVES      |               | 4,006     | 4,316   | 4,006   | 4,316   | 50,983      | 3,238   | 3,387       | 3,238   | 3,387                 | 3,238     | 3,387   | 3,238   | 3,387       | 47,960      |           |      |
| CANNED DRANGES      |               | 1,849     | 1,880   | 1,849   | 1,880   | 18,166      | 1,037   | 1,275       | 1,037   | 1,275                 | 1,037     | 1,275   | 1,037   | 1,275       | 10,779      |           |      |
| CANNED PEACH        |               | 24,842    | 28,600  | 24,842  | 28,600  | 298,079     | 11,214  | 15,589      | 11,214  | 15,589                | 11,214    | 15,589  | 11,214  | 15,589      | 151,203     |           |      |
| MIXED FRUIT         |               | 2,757     | 2,021   | 2,757   | 2,021   | 37,535      | 2,214   | 1,989       | 2,214   | 1,989                 | 2,214     | 1,989   | 2,214   | 1,989       | 30,492      |           |      |
| PREP/PRES FRUIT     |               | 7,424     | 5,728   | 7,424   | 5,728   | 70,887      | 9,476   | 8,764       | 9,476   | 8,764                 | 9,476     | 8,764   | 9,476   | 8,764       | 90,999      |           |      |
| DTHER CANNED FRUIT  | Subtotal ---- | 3,873     | 5,576   | 3,873   | 5,576   | 60,419      | 4,716   | 7,051       | 4,716   | 7,051                 | 4,716     | 7,051   | 4,716   | 7,051       | 78,013      |           |      |
| FRT&VEG JUICE (SSE) | KL            | 75,275    | 61,797  | 75,275  | 61,797  | 929,629     | 13,998  | 21,817      | 13,998  | 21,817                | 13,998    | 21,817  | 13,998  | 21,817      | 256,927     |           |      |
| APPLE JUICE         |               | 135,118   | 30,320  | 135,118 | 30,320  | 885,508     | 23,157  | 7,039       | 23,157  | 7,039                 | 23,157    | 7,039   | 23,157  | 7,039       | 182,623     |           |      |
| FCDJ                |               | 5,502     | 13,975  | 5,502   | 13,975  | 62,747      | 1,833   | 3,640       | 1,833   | 3,640                 | 1,833     | 3,640   | 1,833   | 3,640       | 20,428      |           |      |
| GRAPE JU            |               | 21,170    | 23,887  | 21,170  | 23,887  | 299,527     | 3,977   | 4,527       | 3,977   | 4,527                 | 3,977     | 4,527   | 3,977   | 4,527       | 63,778      |           |      |
| PINAP JU            | Subtotal ---- | 19,216    | 14,451  | 19,216  | 14,451  | 247,679     | 9,941   | 8,378       | 9,941   | 8,378                 | 9,941     | 8,378   | 9,941   | 8,378       | 111,099     |           |      |
| FRESH VEGETABLES    | MT            | 588       | 534     | 588     | 534     | 22,685      | 773     | 560         | 773     | 560                   | 773       | 560     | 773     | 560         | 29,250      |           |      |
| GARLIC              |               | 2,946     | 3,306   | 2,946   | 3,306   | 34,631      | 3,971   | 5,161       | 3,971   | 5,161                 | 3,971     | 5,161   | 3,971   | 5,161       | 55,663      |           |      |
| ASPARAGUS           |               | 3,443     | 4,638   | 3,443   | 4,638   | 131,363     | 4,500   | 4,943       | 4,500   | 4,943                 | 4,500     | 4,943   | 4,500   | 4,943       | 177,121     |           |      |
| BELL PEPPER         |               | 11,407    | 12,147  | 11,407  | 12,147  | 101,168     | 2,732   | 3,077       | 2,732   | 3,077                 | 2,732     | 3,077   | 2,732   | 3,077       | 27,064      |           |      |
| CARRDTS             |               | 2,003     | 8,931   | 2,003   | 8,931   | 79,553      | 1,596   | 3,668       | 1,596   | 3,668                 | 1,596     | 3,668   | 1,596   | 3,668       | 67,491      |           |      |
| CHILLI PEPPER       |               | 3,117     | 6,395   | 3,117   | 6,395   | 6,395       | 237,483 | 1,675       | 1,801   | 1,675                 | 1,801     | 1,675   | 1,801   | 1,675       | 127,518     |           |      |
| CUCULMBER           |               | 6,590     | 6,167   | 6,590   | 6,167   | 6,167       | 216,043 | 4,631       | 5,759   | 4,631                 | 5,759     | 4,631   | 5,759   | 4,631       | 5,759       | 129,063   |      |
| DNIONS              |               | 14,387    | 36,978  | 14,387  | 36,978  | 36,978      | 246,481 | 2,826       | 6,623   | 2,826                 | 6,623     | 2,826   | 6,623   | 2,826       | 6,623       | 44,505    |      |
| PDTATO. INCL SD     |               | 3,441     | 6,499   | 3,441   | 6,499   | 6,499       | 111,486 | 2,457       | 2,642   | 2,457                 | 2,642     | 2,457   | 2,642   | 2,457       | 2,642       | 83,567    |      |
| SQUASH              |               | 14,977    | 29,737  | 14,977  | 29,737  | 559,771     | 10,882  | 18,705      | 10,882  | 18,705                | 10,882    | 18,705  | 10,882  | 18,705      | 406,067     |           |      |
| TOMATOES            |               | 24,757    | 25,851  | 24,757  | 25,851  | 396,143     | 11,881  | 13,813      | 11,881  | 13,813                | 11,881    | 13,813  | 11,881  | 13,813      | 240,702     |           |      |
| DTHER FRESH VEGETA8 | Subtotal ---- | 87,661    | 141,187 | 87,661  | 141,187 | 2,136,811   | 47,929  | 66,758      | 47,929  | 66,758                | 47,929    | 66,758  | 47,929  | 66,758      | 1,388,016   |           |      |
| CANNED/DEHYD VEGET  | MT            | 1,033     | 2,064   | 1,033   | 2,064   | 20,901      | 1,987   | 3,990       | 1,987   | 3,990                 | 1,987     | 3,990   | 1,987   | 3,990       | 37,731      |           |      |
| CNO ARTICHOKE       |               | 3,137     | 5,051   | 3,137   | 5,051   | 27,340      | 2,320   | 4,785       | 2,320   | 4,785                 | 2,320     | 4,785   | 2,320   | 4,785       | 23,198      |           |      |
| CND MSHRDM          |               | 4,206     | 3,912   | 4,206   | 3,912   | 71,765      | 10,317  | 9,471       | 10,317  | 9,471                 | 10,317    | 9,471   | 10,317  | 9,471       | 167,112     |           |      |
| CND PIMIENTD        |               | 658       | 521     | 658     | 521     | 8,580       | 947     | 702         | 8,580   | 947                   | 702       | 8,580   | 947     | 702         | 11,639      |           |      |
| CND TOM             |               | 3,461     | 5,321   | 3,461   | 5,321   | 56,988      | 1,212   | 2,252       | 1,212   | 2,252                 | 1,212     | 2,252   | 1,212   | 2,252       | 23,520      |           |      |
| CANNED WATERCHESTNU |               | 2,059     | 1,212   | 2,059   | 1,212   | 33,353      | 1,650   | 946         | 1,650   | 946                   | 1,650     | 946     | 1,650   | 946         | 23,904      |           |      |
| TOMATO PASTE & SAUC |               | 3,148     | 4,455   | 3,148   | 4,455   | 50,443      | 2,223   | 3,474       | 2,223   | 3,474                 | 2,223     | 3,474   | 2,223   | 3,474       | 42,627      |           |      |
| PDTATD MSHRDDMS     |               | 144       | 50      | 144     | 50      | 80          | 2,352   | 1,883       | 80      | 2,352                 | 1,883     | 1,883   | 80      | 1,883       | 22,432      |           |      |
| DRIED TDATOES       |               | 386       | 508     | 386     | 508     | 508         | 5,587   | 1,535       | 5,587   | 1,535                 | 5,587     | 1,535   | 5,587   | 1,535       | 1,950       | 21,544    |      |
| DTHER DEHYD VEGETA8 | Subtotal ---- | 6,197     | 10,541  | 6,197   | 10,541  | 107,852     | 7,222   | 9,716       | 7,222   | 9,716                 | 7,222     | 9,716   | 7,222   | 9,716       | 9,716       | 102,769   |      |
| DTHER CANNED VEGETA |               | 15,639    | 17,752  | 15,639  | 17,752  | 210,672     | 15,779  | 17,068      | 15,779  | 17,068                | 15,779    | 17,068  | 15,779  | 17,068      | 197,700     |           |      |
| Subtotal ----       |               | 40,072    | 51,423  | 40,072  |         |             |         |             |         |                       |           |         |         |             |             |           |      |

## EXPORT NEWS AND OPPORTUNITIES

### **GSM-102 credit guarantee program announces \$300,000 sale of frozen concentrate to Russia and extends coverage to include fresh potatoes**

Table 1 (pg. 7) lists registrations in FY 1996 through January 12 for various horticultural commodities and products. Thus far in FY 1996 only one sale has been registered under the GSM 102 Credit Guarantee Program for Horticultural and Tropical Products. This sale was to Russia for frozen orange juice concentrate totaling \$300,000. Under the GSM-102 credit guarantee program, repayment terms are usually three years. For example, through this program, the U.S. exporter can be paid by the U.S. bank immediately upon export if an irrevocable letter of credit is opened by the importer's bank and financed by the U.S. bank. The importer's bank then has up to three years to repay the U.S. bank. The table on page 7 presents FY 1996 allocations by country by commodity. A distinctive feature of the FY 1996 GSM-102 is the move toward more "commodity basket" programs, i.e., one country allocation under which are listed several commodities and products that may be registered on a first-come, first-served basis. This structure provides more flexibility to exporters in registering different sizes of shipments under the program. Repayment terms vary under the program, from the standard 3-year to 90-day terms. For details on terms and authorizations see the footnotes to the Table. Note: applications to include other horticultural commodities and products in GSM-102 programs will be considered by FAS. (For further information on the GSM-102 program for horticultural commodities, contact Robert Knapp, 202-720-6877.)

### **U.S. exports to Guatemala rising**

U.S. exports of horticultural products to Guatemala have increased more than 200 percent in the last five years, reaching \$18.6 million in fiscal year 1995. While frozen french fries, juices, jams, and vegetables have made strong showings, fresh fruits are leading the way.

Guatemala is unique in that over 80% of all imported fresh fruit sales occur in the city of Guatemala. This is more a factor of infrastructure than demand. Fruit distribution systems, like all distribution systems in Guatemala, are in their infancy. Most imported fruit enters the country on the Pacific coast and is trucked to Guatemala City, whereupon it is delivered directly either to the importer's cold storage facility or to a supermarket. These importer distributors will deliver to supermarkets or to the terminal markets. The terminal market is made up of small broker stalls that do not have cold storage capability and depend on volume sales to keep product moving. It is at this point that the cold chain ends for most fruit. Fruit stands and small markets will generally purchase product through the terminal market. Product moves out of the city on top of school buses and on hired pick-up trucks, neither of which are refrigerated.

The U.S. apple industry has managed to establish itself in markets and supermarkets via trade servicing and promotion activities. U.S. exports of apples topped \$1.4 million in FY 95, up more than 20 fold from five years ago. Growth is expected to increase, but at a decreasing rate. The total consumption of apples in Guatemala is approximately 25,000 MT, of which 2,500 is imported. Consumers are familiar with the local apple and Red Delicious varieties from the United States and New Zealand. With respect to imported fruit, consumers appear to be influenced more by color and cosmetics rather than flavor. A local supermarket chain is trying to introduce Gala and Fuji varieties to consumers with limited success. However good marketing, better handling techniques, and consumer education should enable these varieties to gain a foothold.

Guatemala's import market for fresh fruits has undergone some dramatic changes. Five years ago, the largest supermarket chain in Guatemala only carried apples in the pre-Christmas period. Now the supermarket carries apples all year round in its high-end stores and in-season in

**FY 1996 GSM-102 Credit Guarantee Coverage 1/**

| Country/Commodity                | Announced Allocations |  | Exporter Applications<br>Approved FY 1996<br>(\$1,000) | Balance<br>(\$1,000) |
|----------------------------------|-----------------------|--|--|----------------------|
|                                  | FY 1996<br>(\$1,000)  |  |  |                      |
| China                            | 100,000               |  | 0  | 100,000              |
| Potatoes 2/                      | 0                     |  | 0  | 0                    |
| Hops and Products                | 0                     |  | 0  | 0                    |
| India                            | 15,000                |  | 0  | 15,000               |
| Treenuts 3/                      | 0                     |  | 0  | 0                    |
| Indonesia                        | 160,000               |  | 5,300  | 154,700              |
| Potatoes 2/                      | 0                     |  | 0  | 0                    |
| Tree nuts 4/                     | 0                     |  | 0  | 0                    |
| Fresh fruit 19/                  | 0                     |  | 0  | 0                    |
| Raisins and dates                | 0                     |  | 0  | 0                    |
| Papua New Guinea 5/              | 1,000                 |  | 0  | 1,000                |
| Canned Vegetables                | 0                     |  | 0  | 0                    |
| Czech Republic                   | 10,000                |  | 0  | 10,000               |
| Potatoes 6/                      | 0                     |  | 0  | 0                    |
| Poland 5/                        | 25,000                |  | 0  | 25,000               |
| Potatoes 2/                      | 0                     |  | 0  | 0                    |
| Russia 5/                        | 50,000                |  | 26,000   | 24,000               |
| Canned or Frozen Vegetables 7/   | 0                     |  | 0  | 0                    |
| Fresh Fruits 8/                  | 0                     |  | 0  | 0                    |
| Frozen Concentrated Orange Juice | 0                     |  | 300  | 0                    |
| Almonds                          | 0                     |  | 0  | 0                    |
| Potatoes                         | 0                     |  | 0  | 0                    |
| Potato Flakes                    | 0                     |  | 0  | 0                    |
| Egypt 9/                         | 100,000               |  | 82,000   | 18,000               |
| Potatoes 6/                      | 0                     |  | 0  | 0                    |
| Tunisia                          | 75,000                |  | 15,700   | 59,300               |
| Almonds/Walnuts                  | 0                     |  | 0  | 0                    |
| Raisins                          | 0                     |  | 0  | 0                    |
| South Africa Region 10/          | 50,000                |  | 4,200  | 45,800               |
| Tree nuts 4/                     | 0                     |  | 0  | 0                    |
| Potatoes 2/                      | 0                     |  | 0  | 0                    |
| East Caribbean Region 11/        | 50,000                |  | 20,100   | 29,900               |
| Fresh fruit 12/                  | 0                     |  | 0  | 0                    |
| Mexico 13/                       | 700,000               |  | 412,900  | 287,100              |
| Almonds                          | 0                     |  | 0  | 0                    |
| Fresh Fruits 14/                 | 0                     |  | 0  | 0                    |
| Hops and Products                | 0                     |  | 0  | 0                    |
| Potatoes 6/                      | 0                     |  | 0  | 0                    |
| Andean Region 15/                | 200,000               |  | 74,100   | 125,900              |
| Tree Nuts and                    | 0                     |  | 0  | 0                    |
| Fresh Fruits 16/                 | 0                     |  | 0  | 0                    |
| Central America Region 17/       | 40,000                |  | 18,800   | 21,200               |
| Potatoes 6/                      | 0                     |  | 0  | 0                    |
| Brazil                           | 150,000               |  | 25,400   | 124,600              |
| Fresh Fruit 18/                  | 0                     |  | 0  | 0                    |
| Potatoes 6/                      | 0                     |  | 0  | 0                    |

1/ Coverage announced for FY 1996 as of December 29, 1995 as detailed in FAS Program Announcements (tel: 202-690-1621 for information); unless otherwise noted, terms are FOB, 90-days to 3 years. 2/ Cut and frozen for french fries, and potato flakes. 3/ Walnuts, pistachios, almonds. 4/ Almonds, walnuts. 5/ Terms are 90 days to one year; for 1-yr terms for Russia, principal repayments plus accrued interest are due at 6-month intervals; C&F coverage also available to point of first ocean discharge for non-Russian flag carriers (see Program Announcement for details). 6/ Cut and frozen for french fries. 7/ Canned or frozen (corn, peas, mixed vegetables, tomatoes, green beans, and spinach). 8/ Apples, oranges, tangerines, lemons, and pears. 9/ Egypt program (90-day to one year terms) authorized at \$160-million level for FY96, details for remaining \$60 million will be issued later. 10/ Angola, Botswana, Burundi, Kenya, Lesotho, Madagascar, Malawi, Mauritius, Mozambique, Namibia, Rwanda, Seychelles, South Africa, Swaziland, Tanzania, Uganda, Zaire, Zambia, Zimbabwe. 11/ Barbados, Grenada, Guyana, St. Lucia, St. Vincent and the Grenadines, Suriname, and Trinidad and Tobago; \$70 million authorized for FY96, details of remaining \$20 million will be issued later. 12/ Apples, grapes, pears, plums, and peaches. 13/ Mexico's terms are 90 days to 2 years; \$1.25 billion authorized for FY96, details for remaining \$550 million will be issued later. 14/ Apples, pears, plums, peaches, nectarines, kiwifruit, and strawberries. 15/ Includes Bolivia, Colombia, Ecuador, Chile, Peru, and Venezuela; \$350 million authorized for FY96, details for remaining \$150 million will be issued later. 16/ Almonds, walnuts, pistachios, pecans, and hazelnuts; apples, pears, plums, peaches, nectarines, and strawberries. 17/ Belize, Costa Rica, El Salvador, Guatemala, Honduras, Nicaragua, and Panama; \$60 million authorized for FY96, details for remaining \$20 million will be issued later. 18/ Apples; Brazil coverage is for one-year terms; the FY96 authorization is for \$255 million, details of the remaining \$105 million will be issued later. 19/ Fresh fruit including apples, grapes, oranges, pears, plums, prunes, cherries, and lemons.

the middle and lower-end markets. Apples are now the top selling item in this supermarket's produce section. About 70% of all imported fruit sales are through supermarkets. Imports of other fresh fruit may also follow this path.

Importers report that, along with apples, stone fruits and cherries appear to hold the best prospects for the future. The extremely short chain of distribution for fruits sold in supermarkets allows the sale of more temperature sensitive fruits. However, delivering these fruits to the consumer in prime condition will be more difficult if they are distributed outside of the supermarket channels.

### Russia's demand for citrus products is on the rise.

Due to changing tastes and preferences among its consumers, Russia is becoming the largest new market for fresh and processed citrus. Total fresh citrus imports in calendar year 1994 reached a record 605,000 tons, valued at \$353 million. Oranges accounted for about 75 percent of total Russia's citrus imported in 1994 (excluding imports from Former Soviet Union (FSU) countries). Over 65 percent of citrus imports occur during the 6 months from October to March. However, nearly 40 percent of citrus imports take place in October, November, and December. In Moscow and other major cities in Russia, citrus is widely available not only in high priced, western style supermarkets, but in street markets where the majority of Russian consumers shop as well. European and Mediterranean countries, primarily Greece and Israel, are the major suppliers because of cheaper transportation costs. U.S. grapefruit from Florida are available also and cost only slightly more than products from other competitors, such as Israel.

#### Russian Retail Prices For Selected Fresh Citrus (Moscow, December 1995)

| Product          | Origin         | Per Pound |
|------------------|----------------|-----------|
| White Grapefruit | Israel         | \$1.75    |
| Red Grapefruit   | Israel         | \$1.93    |
| Red Grapefruit   | U.S. (Florida) | \$2.16    |
| Oranges          | Greece         | \$2.05    |
| Lemons           | Israel         | \$2.55    |

Customs duties for citrus imports were raised from 1 to 5 percent on July 1, 1995. Also, during 1995 a new value added tax (VAT) for imported food was set at 20 percent. Some countries benefit from half-rate tariffs, granted by the Russian Federation to non-developed countries. The VAT is not applied to citrus

imports from FSU countries. On all imports, including citrus, a 1.5 percent special federal tax is added. These tax changes have significantly increased the price of citrus products.

Fresh citrus imported into Russia should have a food safety certificate issued or approved by the Russian State Committee on Standardization, Metrology, and Testing (GOSTANDARD). All fruit imports, including citrus, are monitored at import by inspectors from the Russian Plant Quarantine Service.

Formed by 10 Russian fruit importing companies, the Russian Fruit Importers Association has become the leading Government "watch dog" and trade advocate for this industry in Russia. To contact the Russian Fruit Importers Association, call 011 70 95 254-4850 or Fax 011 70 95 254-4421.

#### Russian Orange Imports by Origin Calendar Year 1994

| Country      | Volume<br>(Metric Tons) | Value<br>(\$millions) |
|--------------|-------------------------|-----------------------|
| Greece       | 182,275                 | 78.2                  |
| Netherlands  | 30,553                  | 17.8                  |
| Cyprus       | 30,425                  | 7.2                   |
| Uruguay      | 24,534                  | 12.2                  |
| Turkey       | 23,999                  | 11.8                  |
| Morocco      | 19,600                  | 11.7                  |
| Spain        | 14,300                  | 7.4                   |
| Cuba         | 13,870                  | 4.8                   |
| Israel       | 12,880                  | 6.9                   |
| USA          | 4,185                   | 3.8                   |
| <b>Total</b> | <b>448,880</b>          | <b>217.0</b>          |

#### Russian Grapefruit Imports by Origin Calendar Year 1994

| Country      | Volume<br>(Metric Tons) | Value<br>(\$millions) |
|--------------|-------------------------|-----------------------|
| Cuba         | 16,937                  | 39.1                  |
| Israel       | 4,087                   | 2.5                   |
| Netherlands  | 1,765                   | 1.4                   |
| Turkey       | 1,476                   | 0.7                   |
| Cyprus       | 1,029                   | 0.6                   |
| Finland      | 527                     | 0.4                   |
| USA          | 49                      | 0.04                  |
| <b>Total</b> | <b>27,880</b>           | <b>46.0</b>           |

**EU 24:6 Agreement to provide improved access for some U.S. horticultural products**

U.S. almonds, sweet cherries, and fresh foliage will benefit from improved access to the European Union as a result of the Article XXIV:6 compensation package. The package was negotiated following the January 1, 1995, accession of Austria, Finland, and Sweden to the EU. The EU also agreed, on December 4, 1995, to net-out trade between the EU-12 and the three new member states, as well as trade among the three new member states, for purposes of EU subsidies and tariff-rate quotas.

Under the 24:6 package, the existing tariff-rate quota for almonds will increase from 45,000 MT to 90,000 MT, with an in-quota tariff rate of 2 percent. For fresh sweet cherries, the final Uruguay Round (UR) duty, for the period of June 16 to July 15, will be reduced from 12 percent to 6 percent. In addition, for the period May 21 to July 15, an MFN tariff-rate quota will be opened at 800 MT, with an in-quota tariff of 4 percent. For fresh foliage, the final UR duty will be reduced from 2.5 percent to 2 percent.

Key U.S. horticultural products for which compensation was requested but not received were: apples, avocados, dried prunes, dried vegetables, dried onions, grapefruit, orange juice, pears, raisins, table grapes, and wine.

**Mexico permits imports of Texas citrus**

U.S. and Mexican officials have finalized a phytosanitary protocol that will permit exports of Texas citrus to Mexico, with the first shipments possibly commencing before the end of January. With the agreement, Texas now joins California in being approved to export citrus to Mexico. The process of gaining export approval for the other citrus-producing states (i.e. Florida, Arizona) is ongoing.

The agreement on Texas citrus is the culmination of several years of effort on the part of USDA and Texas state and industry officials. With the Texas industry's shipping season winding down by April, the full benefits of the market opening are not expected to be realized until next year's crop. U.S. shipments of citrus to Mexico in FY1995, which presumably all originated from the state of California, were valued at \$1.8 million, up from \$0.4 million in the preceding year. With the eventual recovery of its domestic economy, it is expected that Mexico will become a significant market for U.S. oranges, grapefruit, and lemons.

**Chile's medfly free declaration action to bring new competition for U.S. fruits in Japan and other export markets**

The Government of Chile officially declared the country free of the Mediterranean fruit fly (Medfly) on December 13, according to a report from the U.S. Agricultural Attaché in Santiago. The determination follows 32 years of Medfly detections and subsequent attempts to rid the country of the pest. Recognition of the Medfly free status by importing countries, particularly those in Asia, is expected to open up significant new export opportunities for Chilean fruit, notably citrus, table grapes, and kiwifruit. One Chilean press report suggested that Chile's shipments of fresh fruits and vegetables to Asia could increase by \$500 million annually within 5 years as a result of the Medfly development. U.S. imports of Chilean produce will not be significantly impacted by the announcement as the United States has recognized most of Chile's production areas as Medfly-free for several years.

In a related move, Japan's MAFF has decided to recognize Chile's main fruit-producing areas (Third State and all points south) as being free of Medfly, according to the U.S. Minister-Counselor's office in Tokyo. This action, which could be finalized within the next few months, will provide Chilean citrus, notably lemons, access to Japan's market, while at the same time eliminating an onerous cold treatment requirement currently applied to Chilean table grapes and kiwifruit. U.S. and Chilean grape and kiwifruit production is counter-seasonal and the two countries' exports generally do not compete directly. However, Chilean lemon exports to Japan would represent new competition for U.S. suppliers, which tend to ship year round. U.S. exports of fresh lemons to Japan in fiscal year 1995 totaled 86,977 metric tons, with an associated value of \$95 million.

Chile also hopes to gain footholds in Japan's market for its apples and pears, which have been banned due to the Medfly situation. In addition, it is expected the country will be seeking Medfly-free recognition from other countries in the region, including Korea, Taiwan, and China.

**Colombia is the latest country to restrict U.S. fruits and vegetables imposing fumigation requirement**

In response to the recent detections of oriental fruit flies (OFF) in California and Florida, Colombia's government revealed in a December 22 letter to APHIS its decision to impose a methyl bromide fumigation requirement on all fruits and vegetables imported from the United States, according to the U.S. Agricultural Attaché

in Bogota. This action comes despite efforts by USDA to allay the GOC's concerns and provide technical assurances that the detections do not represent a threat to Colombian agriculture. There are recent indicators that the GOC may soon lift the fumigation requirement on produce originating from states other than California and Florida. U.S. exports to Colombia of fruits and vegetables, many of which would be adversely affected by the required fumigation process, were valued at nearly \$7 million in FY 1995. Apples (\$4.1 million) and pears (\$1.1 million) were the leading export items.

Colombia's action represents the latest in a series of trade restrictive moves by countries in the region in response to the OFF detections. Ecuador has required fumigation for California produce since December, and Argentina has banned all California produce since October. In addition, Peru is reported to be considering imposing new restrictions. While Brazil's OFF-inspired restrictions were short lived, industry concerns remain over a broader issue of that country's new, potentially trade restrictive phytosanitary import requirements for a number of horticultural products, notably grapes, apples, and pears. Technical discussions with Brazilian officials on these issues are tentatively planned for mid-February in Washington.

### **U.S. fruit exporters to benefit from reduced Philippine duties**

The Government of the Philippines has implemented tariff reductions on a range of imported fruits and vegetables, cutting MFN tariff rates from 50 percent ad valorem to 30 percent. The tariff cuts took effect on or about January 16, according to the U.S. Agricultural Counselor. Further reductions are planned for the coming years, with duties falling to 20 percent on January 1, 1997, and declining further to 10 percent on January 1, 2000. U.S. exports of fresh fruit to the Philippines totaled \$22 million in FY 1995, with grapes (\$10.2 million), apples (\$8.3 million), and oranges (\$3.3 million) accounting for nearly all of the total.

The recent tariff reductions, combined with promotional efforts already in place through the Market Promotion Program, will greatly benefit a number of commodities, among them Washington apples. The Philippines has already imported 332,000 42-pound boxes of the state's apples, even though wholesale prices are higher than normal due to this year's smaller crop. Red Delicious account for 90 percent of Washington's apple exports to the Philippines. The Washington Apple Commission's representative in Manila reports that the reduced duty will enable the United States to be more aggressive with

promotions aimed at making apples a staple of the Philippine diet.

Following similar trade liberalizing moves in other Asian countries, U.S. exports of fresh fruit to other Asian countries have soared, particularly apples. For example, Thailand's decision several years ago to reduce its applied tariff on apples from 50 percent ad valorem to 10 percent facilitated a sharp rise in U.S. apple sales, which topped \$22 million in FY 1995, up from \$12 million in FY 1991. Similarly, following the lifting of Indonesia's fruit import ban in 1991, and subsequent tariff reductions in 1994, U.S. apple exports increased from just over \$2 million in FY 1991 to nearly \$28 million for FY 1995.

### **U.S. Grapefruit enters Thailand for the first time, while Korea opens market to U.S. grapes**

Under a bilateral protocol finalized in 1995, the first shipment of Florida grapefruit, a 20-foot container load, cleared inspection in Bangkok and entered the market on January 5, according to the U.S. Agricultural Counselor. The product reportedly arrived in excellent condition and has been distributed to 10 supermarkets in the Bangkok area. Despite the assessment of a 56 percent ad valorem tariff (or comparable specific), the grapefruit is priced competitively with Thailand's domestically produced pomelo. In response to the promising market prospects, the importer of the first shipment has reportedly placed a follow-up order for a 40-foot container. This would be in addition to a 20-foot container load that was due to arrive in Bangkok in mid-January. California is also now eligible to export citrus to Thailand under a new protocol. And according to an industry source, a 3,000 carton shipment of California oranges was scheduled to arrive in Thailand by the end of January. The U.S. citrus industry has identified Thailand as a promising potential market, with near term sales prospects totaling \$15 + million annually.

Meanwhile, Korea opened its market to imported table grapes on January 1, as required under the Uruguay Round agreement. California industry contacts report that the first shipment of U.S. table grapes arrived shortly after the market opening. The three containers subsequently cleared quarantine inspection and entered the market on January 11. In addition, "several hundred" cases are reported to have been sent by air and these too have cleared the required inspection. The California industry believes Korea will be an excellent new market for U.S. table grapes. However, given that the industry is in the final stages of this year's shipping season, U.S. exporters will have to wait for the 1996 crop to take full advantage of the market opening.

## AVOCADO SITUATION IN SELECTED COUNTRIES

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Avocado exports by selected foreign countries are forecast to increase by 27 percent in 1995/96. Unfilled and growing demand in Europe should contribute to the increase. Rapidly increasing harvests in Chile and Israel have produced surpluses for export opportunities. Israel, the world's largest avocado exporter, is forecast to increase exports by more than 65 percent. Chile's exports are expected to increase by 83 percent. Exports are also expected to increase moderately in Spain and South Africa. Depending on the size of the domestic harvest, opportunities for U.S. avocado exports in 1995/96 to Europe, Canada, and Japan could also improve because of lower exports from Mexico.

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### Selected Country Avocado Outlook

Production of avocados in 1995/96 in selected countries is expected to expand by 3 percent to 1.14 million tons. Increases in Chile, Israel, Spain, South Africa, Dominican Republic, and the United States are expected to more than offset expected lower production in Mexico. The National Agricultural Statistics Service (NASS) is expected to release the first official 1995/96 U.S. crop estimate in July.

Selected country exports are forecast to increase by 27 percent to 181,000 tons in 1995/96. Export increases are expected in all countries except Mexico.

#### Chile

Avocado production in 1995/96 (calendar year 1996) is forecast at 62,000 tons, up 29 percent from the 1994/95 output. Production in 1994/95 was reduced following freezing temperatures during July and August 1995 which resulted in early fruit drop and smaller-sized fruit. The upturn forecast for 1995/96 hinges on improved weather in 1996, particularly the absence of widespread frosts.

Harvested area is expected to continue to expand over the next five years as previously

planted trees mature. The area planted to avocados in 1995/96 is forecast at 12,850 hectares, up 11 percent from last season; the area harvested is forecast at 6,160 hectares, up 6 percent. The increase in plantings is due to high producer prices for the past few years and a favorable export situation.

Avocados are harvested year-round, but the principal harvest period extends from September through December. In Chile, 95 percent of all commercial avocado trees are planted in the central part of the country--from Region IV through Region VI, including the Metropolitan Region. Most of the expansion in the industry can be attributed to increased plantings of the Hass variety, which now comprises over 55 percent of Chile's total avocado area.

Chilean avocado exports in 1995/96 are forecast to increase by 83 percent to 22,000 tons. The United States continues to be Chile's largest export market. However, the avocado producers association has been advising its members to continue to diversify their markets. Many producers in Chile remain concerned about the increased possibility that Mexico could gain access to the U.S. market. Promotional campaigns to Europe and Argentina have been successful in recent years.

Consumption in 1995/96 is forecast at 40,000 tons, 11 percent above the previous year's revised estimate. The larger crop, lower prices, and promotional campaigns to expand consumption are the reasons for the consumption increase. Domestic consumption in Chile is still relatively low for a producing country, but continues to rise, now just under 3 kg. per capita. The products consumed domestically are usually harvested from non-export varieties and Hass avocados that are not exported.

The Chilean Government does not provide any direct subsidies or special tax incentives for avocados. Avocados and other fruits and vegetables do benefit from the recently created \$10 million Export Promotion Fund for agricultural products.

## Israel

Avocado production for 1995/96 (October/September) is forecast at 80,000 tons, up 57 percent from the revised 1994/95 estimate due to favorable weather and greater use of irrigation, which dramatically increased yields from an average of 8 tons per hectare in 1994/95 to an estimated 13 tons in 1995/96. The 1994/95 estimate has been revised downward from the previous forecast of 60,000 tons because of lower-than-estimated output due to high temperatures during fruit setting.

Because of cold weather problems, the Ettinger is becoming the preferred variety in Israel because the Ettinger ripens early and most of the crop is harvested before December, thus escaping frost damage. The Ettinger variety also produces relatively high yields. The Fuerte, Hass, Nabal and Reid varieties are the other significant varieties grown in Israel.

Future increases in Israel's avocado production hinge on the availability of planting material--which has been in short supply during the past two seasons. This will affect Israel's share of the European avocado market. Although

Israel's market share in Europe is strong, supplies from Spain and Mexico threaten future growth.

### **Israel is expected to expand trade as the world's largest avocado exporter in 1995/96**

Exports from Israel are forecast to reach a record 60,000 tons in 1995/96, an increase of 67 percent over the 1994/95 volume. The expected increase in domestic production and Spain's lower supplies compared with previous years are major reasons for expected higher Israeli exports. France continues to be Israel's largest market, accounting for over 50 percent of total exports. Concern over dependence on a single country has caused Israel to try to diversify its markets. In 1995/96 Israel is expected to invest over \$ 5 million in sales promotion efforts in its markets. Germany has been increasing its imports from Israel in recent years and now purchases about 15 percent of Israel's avocado exports. Other European customers include the U.K., Scandinavia, Benelux, and Switzerland. Spain and Mexico have been Israel's primary competition in the European markets, especially in Scandinavia which prefers Hass avocados, and in Switzerland.

In the medium term, as the peace process progresses, it is hoped that ties with neighboring countries of the Middle East (especially the oil-rich Persian Gulf states), may lead to increased exports of Israeli avocados and other fruits and vegetables to the region. Given their rapidly increasing production, the Government of Israel has also shown interest in exploring the export of avocados to the Northeastern United States. Currently, APHIS requirements for imported avocados (ie. cold treatment) make Israeli fruit difficult to market. The Plant Protection and Inspection Service of the Ministry of Agriculture is searching for alternative methods to satisfy U.S. phytosanitary entry requirements for Israeli avocados. Although this is a possibility, in the short-run, Israeli producers are likely to take a greater interest in Mexican avocados being exported to the United States, which may

lessen their competition with Mexico in Europe.

Consumption of avocados in Israel has been relatively stable over the last several years, but is expected to jump 33 percent in 1995/96. Increased supply and subsequently lower prices are the primary reasons. The local marketing board, FPMBI, continues to conduct advertising campaigns to increase domestic consumption. In 1994/95 nearly 3,000 tons of avocados were delivered to industry for oil extraction. Supermarkets were provided with export quality fruit in export packaging. The domestic market previously served as a dumping ground for export rejects. These campaigns included TV, press and point of sale promotions which have increased sales and prices.

Government policy on avocado exports has remained unchanged in spite of continued efforts by the Fruit Production and Marketing Board to include this crop in the GOI system of price "safety nets" for key crops. The Ministry of Agriculture continues to provide grants of 40 percent or less for new plantings in preferred regions of the country.

## Japan

Japan does not produce avocados and depends on imports to meet domestic demand. As a result of its non-producer status and high currency value, Japan continues to be a desirable market in terms of sales of quality fruit and prices paid to exporters. Since the introduction of avocados into Japan in the early 1970's, avocados have continued to grow in sales, consumer acceptance and creativity in their use.

Japanese imports of avocados are forecast to decrease to 3,225 tons in 1995/96. Imports were down sharply in 1995 due to reduced supplies from the United States caused by weather problems. Currently, only the Hass variety is marketed to Japan.

The United States and Mexico are the sole suppliers of avocados to Japan. U.S. avocados usually face stiff price competition from Mexico. While the declining dollar against the yen has helped U.S. export prospects to Japan, Mexico's peso devaluation has offset a large part of the U.S. advantage. Mexican avocados are usually lower priced than those from the United States and are favored by a lower rate of import duty (6 percent for the United States compared to 4 percent for Mexico) due to Mexico's status under the Generalized System of Preferences on a CIF basis. Due to these currency trends, recent prices of U.S. avocados in Japan have dropped from the very high 369 yen per kilogram of last year to 254 yen (CIF). Mexican prices were about 180 yen per kilogram.

Although U.S. and Mexican avocados have not tended to compete in the same season, the Mexican season is increasingly encroaching on the U.S. season especially from January to March and in August. As a result, the Mexican share of the Japanese market has increased.

The success of U.S. avocados in Japan is largely due to the avocado's health conscious image and active promotional activities by the California Avocado Commission. Challenges for expanding consumption in the future in Japan will be to further educate the Japanese consumer and local handlers on when to deliver, eat and how to use avocados. At present, most avocados in Japan are sold at the retail level and are prepared either plain or in salad plates with other vegetables. The Japanese, however, have continued to use avocados in new ways (ie. soups, milk shakes).

Avocado use in the food service industry including restaurants and hotels, is still small (about 20 percent) but shows an extremely high potential for the future. Promotional efforts should aim at this area of the food marketing system and should increase consumer awareness and knowledge of avocados. Currently 60 percent of avocados in Japan are consumed in the Tokyo area. Awareness and availability of avocados beyond

Tokyo and other major cities to regional Japanese consumers should be a major promotional strategy.

The Japanese prefer the larger size 24 avocados which constitute 70 percent of avocados on the market. This year's wholesale prices of California 24's was approximately 1800 yen per tray and 100 to 150 yen per fruit, retail. Mexican avocados ranged from 1400 to 1500 yen per tray and 100 to 125 per fruit.

Avocados from the United States and other industrialized WTO members have a 5.5 percent ad valorem tariff, CIF basis. Avocados from Mexico and other countries under the Generalized System of Preferences are charged 3 percent, ad valorem, CIF.

## Mexico

### The World's Largest Producer

Mexico is the world's largest producer of avocados. The 1995/96 crop (harvested August 1995 through July 1996) is forecast at 740,000 tons, down 4 percent from 1994/95. The downturn is due to cutbacks in crop maintenance and the off-year in the production cycle. Growing conditions were mostly favorable, but cool weather during the flowering season delayed fruit maturation. Low farmgate prices and rising production costs have forced many marginal producers out of the avocado sector.

Because of the uncertainty surrounding avocado exports (especially to the United States), low domestic prices, and limited water availability in the major producing state of Michoacan, the planting rate of avocado trees has stagnated in recent years. However, given the significant number of trees planted in the late-1980's and the early-1990's, production could expand 20 to 30 percent by the year 2000. The balance of avocados are grown in the States of Puebla, Nayarit, Mexico, and Morelos. The main avocado variety is the

Hass. Other varieties include the Criollo, Fuerte, San Miguel, and Taylor. Mexican avocados are harvested year-round with the peak season between October and February in Michoacan.

### New outlets needed for additional production

Mexican exports of avocados rose dramatically, up 73 percent, from the 1993/94 to the 1994/95 season. This was mostly due to a large supply of avocados. However, avocado exports in 1995/96 are forecast to decrease by about 23 percent due to the expected smaller harvest.

Unlike some other producing countries, the vast majority of avocado production in Mexico is sold to the fresh domestic market. Exports of avocados currently account for only about 3 percent of production. Europe (especially France), Canada, and Japan are Mexico's largest export markets. Future growth in the Mexican avocado industry will depend in great part on the growth in exports. Without new export outlets for additional production, it is unlikely that any significant expansion in production will take place in the next 3 to 5 years because of limited new plantings, credit availability, and low domestic prices.

The United States imports Mexican processed avocados. U.S. Census data show that the United States imported over 10,000 tons of processed avocados in marketing year 1993/94. In 1994/95 over 15,000 tons were imported, an increase of 50 percent. According to industry sources, because of financial difficulties, the Mexican processing industry has become more concentrated, declining from 12 plants producing processed avocados in 1993 to 8 plants in 1994. The remaining plants have become more efficient in order to survive.

Growth in the Mexican avocado industry partially depends upon future access to the U.S. market. According to sources within the Mexican industry, about 15-20 percent of the fruit now produced is considered to be of export quality. USDA's Animal and Plant

Health Inspection Service (APHIS) currently is reviewing public comments on the proposed opening of the U.S. Northeastern market to Mexican avocados during the winter months.

Consumption of avocados in Mexico is expected to decrease slightly in 1995/96 by 4 percent to 720,000 tons. Decreased supply and higher retail prices are the primary factors. Avocados for the domestic sector pass through wholesale distributors which sell to local supermarkets, hotels and restaurants. There are still existing handling and spoilage problems, however, there have been a number of technical training seminars with suppliers, and the situation is improving.

The government does not have support policies for avocados. However, the new government support program "Alliance for the Rural Sector" may in the future have several programs for the agricultural sector and subsidies to help producers buy farm equipment and access to new technologies. The program has not yet been finalized.

Although Mexico permits the import of avocados, because of current prices and the peso devaluation, avocado imports are not generally competitive in Mexico and only small amounts have been shipped. Mexico maintains its 20 percent tax on imports of avocados with the exception of the United States, where under NAFTA regulations there is a mutual tariff of approximately 10.5 cents/Kg in 1995. This tariff (08.04.40.01) will be phased out in 10 years.

## South Africa

The 1995/96 avocado crop is estimated at 50,000 tons, up 8 percent from 1994/95, but less than the record 1993/94 crop of 52,244 tons. Unlike last season's drought-reduced and off-year crop, rain in the later part of 1995 significantly improved the production potential for the 1995/96 harvest. In addition, tree plantings have increased 27 percent from 1991 to 1995, which means that production should

expand in the next few years as 30 percent of these trees have not reached bearing age. This growth in production assumes adequate water supplies.

Avocados are harvested year-round in South Africa depending upon the variety, with most of the crop taken off from July through October. The Fuerte variety normally accounts for about 60 percent of the South African crop; the remainder is comprised of the Hass, Ryan, Edranol, and Pinkerton varieties. Approximately 11,200 hectares are planted to avocados in South Africa. The main region is the Letaba district of North Eastern Transvaal including Tzaneen and Letsitele which is 55 percent of the plantings. The second largest production area is the Nelspruit Burgershall area in Eastern Transvaal that contains 23 percent of the plantings.

The avocado industry in South Africa is reportedly very technically advanced. Production starts in the nursery where cloned Phytophthora (root rot) resistant rootstocks are produced from the Duke variety on which the desired variety is grafted. This nursery procedure is complex and costly. Soil preparation is based on sampling and most avocado production is irrigated. Although the drought has shown the trees to be resistant, it is expected to take a few years for them to fully recover.

About 70 percent of South African avocados are exported. All export efforts in South African production are aimed at meeting the import requirements of the European markets. This includes size, quality, harvesting techniques, transportation, and post harvest handling.

## South African exports expected to increase

South African exports in 1995/96 are expected to rise 12 percent due to the higher production outlook. Exports in 1994/95 were revised upward by nearly 25 percent or 31,150 tons as a result of improved weather. Exports are usually contracted with private traders with the subtropical arm of UNIFRUCA, the big

deciduous fruit exporter, as a major player. About 95 percent of South Africa's avocado exports go to the EU. In 1994, South Africa's primary markets were Belgium (8,536 tons), the United Kingdom (7,091 tons), France (5,823 tons), and Switzerland (3,169 tons).

Domestic consumption of avocados is forecast to approximate the previous year's level at 15,000 tons. Approximately 30 percent of the crop is consumed domestically. Fresh avocados are usually marketed through municipal markets but direct contracts are becoming more popular. South Africa does not generally import avocados. The low internal prices combined with a 5 percent duty on imports, effectively limits shipments from overseas. Only small quantities from nearby countries are able to cross the border.

The South African Grower's Association (SAGA) looks out for the interests of the industry and is financed by a voluntary duty on exports. SAGA also finances research and negotiates with government officials. Export volumes are coordinated with fifteen export companies; five of them handle about 90 percent of the trade. The industry does not have any government assistance after losing the 6 percent GEIS export incentive that was available before the new GATT agreement.

## Spain

Avocado production in 1995/96 (July/June) is forecast at 40,000 tons, up 14 percent from last season's drought-reduced crop. The increase in output is due to milder temperatures in peninsular-Spain's avocado areas during the 1995 summer. Although fruit quality and sizing are reportedly good this season, the continued shortage of irrigation water has significantly curbed Spain's long-term production potential.

Although avocados are harvested from October through June, the bulk of the crop is taken off between November and January. Spain's avocado industry is concentrated in Andalucia (mainly in the provinces of Granada and

Malaga), which accounts for about 80 percent of the total area planted. The balance is produced in the Canary Islands and, to a lesser extent, in the Levant. It is reported that some expansion has been taking place in Huelva and the Sevilla areas over the last four years. The total area devoted to avocado production will likely remain stable over the long term, especially if irrigation water supplies in Andalucia remain scarce.

The primary avocado varieties grown in Spain are the Hass, Bacon, and Fuerte. Hass accounts for almost 80 percent of the total production and is the most popular. Although, some producers have recently tried growing the Gwen and Fuerte varieties because of their higher yields and earlier ripening qualities. Spanish avocado producers use high quality seed imported mostly from California between December and January. Spanish avocados are marketed from October to June in Peninsular Spain and from September to March in the Canary Islands.

## Slow recovery and continuing drought slows growth in export prospects

Because of moderate production increases, exports in 1995/96 are forecast to rise to 30,500 tons from 26,700 tons the previous year; up over 14 percent. This, however, is still well below the 1993/94 export level of 39,000 tons. Spain exports primarily to EU countries with France taking about 80 percent of the total. The remainder is exported to Scandinavia and Switzerland. Spain competes with Israel for sales to the EU during the same export season each year.

Thus far in the 1990's avocado consumption has remained at a low level. This is small for a producing country, at only .3 Kg per capita in 1994. Because of increased supply, consumption is forecast to rise to 12,000 tons in 1995/96 from 10,580 tons the previous year, up 13 percent. The 1994/95 figure had been revised downward to reflect supply shortages.

Consumption could expand with information campaigns and education showing when to eat avocados and the many uses for them. Avocados are still considered relatively new to the Spanish consumer and are sold in retail stores when they are not ripe. It is believed many customers are lost this way. Currently, avocados are eaten in dips, fresh in salads, or with shrimp.

#### **Continued openings may exist for U.S. avocado exports**

Spanish avocado imports in 1995/96 are forecast to increase slightly above last year's level to 2,500 tons. Most of these are obtained from South Africa and Mexico which do not compete with the Spanish crop. Spain's continued below-potential production and exports may offer openings for U.S. exports to Spain and its traditional markets. The best opportunities exist between July and September when there are no avocados available from the Spanish crop in the local market.

The Spanish ban on U.S. fresh fruits, including avocados was lifted on June 1, 1993. The Spanish law implementing this EU-wide phytosanitary regulation became effective upon its publication in the Spanish State Gazette on June 3, 1993. Imports of U.S. fresh avocados are now permitted, but must be accompanied by an APHIS phytosanitary certificate. There are no government subsidies for avocados in Spain. However, the regional autonomous governments in avocado producing areas reportedly have special credit programs available for avocado producers to purchase inputs such as seed and fertilizer.

#### **Dominican Republic**

Avocado production (for export) in 1995/96 (June/May) is forecast at 15,000 tons, up 2,000 tons from the drought-reduced 1994/95 crop. The area devoted to commercial production is estimated at nearly 1,900 hectares and is forecast to expand to over

2,000 hectares next season. Production for export primarily occurs in the Mao and Bani areas. The Dominican Republic is the second-largest exporter of avocados to the United States, after Chile. Although the cost of some inputs is high, labor is relatively cheap and continued growth in the industry is expected as global awareness of avocados expands.

Commercial production of avocados began in 1966. Production of avocados occurs nearly year-round (June through April) in the Dominican Republic, but the main harvest period is from November through December. Although there are 18 grafted varieties of avocados cultivated in the Dominican Republic, the varieties most popularly grown for export include Simmonds, Popenoe, Semil No. 34 and No. 43, Melendez, Hass, Hall, Booth Lula, and Choquette. Most production for export is irrigated.

Although comprehensive statistics on the avocado industry are not available, the Agricultural Attaché has estimated total commercial exports between 9,000 and 10,000 tons a year. The majority of these exports go to the United States each year. They are marketed mostly in New York, Puerto Rico, and Miami. Dominican avocados enter the United States duty free under the Caribbean Basin Economic Recovery Act. The remainder of exports are largely sent to the European Union including to Belgium-Luxemburg, Germany, the Netherlands, France and Italy. Small amounts are also exported to other Caribbean countries and to Canada. Producers generally prefer to sell their avocados to an exporter who assumes the risk of dock delays, payment arrears or defaults by the U.S. wholesaler. Some producers do export.

The Dominican Republic does not import avocados because of abundant local supplies. Although no consumption statistics are available, the local population generally consumes avocados of the Criollo variety which grow wild throughout the country. Occasionally they may consume varieties that are not exported due to oversupply in the

United States or quality problems. Any imports would be subject to licensing requirements, a 25 percent CIF duty and a value added tax of 8 percent. At present, the Dominican Republic has no governmental production, marketing or export policy for avocados.

#### U.S. Imports of Dominican Avocados

Calendar Years 1990-1995

|         |       |
|---------|-------|
| 1990    | 1,659 |
| 1991    | 2,418 |
| 1992    | 7,025 |
| 1993    | 5,632 |
| 1994    | 4,386 |
| 1995 1/ | 3,682 |

Source: U.S. Department of Commerce  
1/ January to October

#### United States

Avocado production in the United States for 1994/95 is estimated at 159,900 tons, up 23 percent from 1993/94, but 40 percent less than the record 1992/93 crop. The upturn reflects an on-year in the alternate-bearing cycle, but less-than-optimal weather prevented a more substantial rebound in production.

Preliminary assessments for 1995/96 indicate production may be higher than previously expected. However, recent tree blow-downs may temper the initial projection of a 7 to 10 percent increase from 1994/95. The National Agricultural Statistics Service is expected to release the first avocado production forecast for the 1995/96 crop in July. According to industry sources, production in 1995/96 may exceed 165,000 tons, 7 percent above the previous year. Avocados are harvested year-round in California which accounts for 88 percent of forecast production. The main harvest season in Florida runs from July through February.

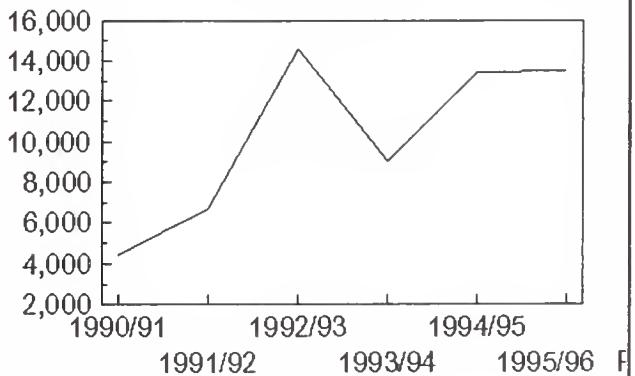
In 1994/95 the United States exported 13,380 tons of avocados, up over 48 percent and valued at nearly \$ 14 million. France was the major market accounting for 40 percent of total U.S. exports, a greater concentration in that country than last year. Japan, the Netherlands, and Canada were next accounting for 16, 15, and 15 percent of the volume, respectively. The U.K. imported over 10 percent of U.S. exports. Sweden more than doubled their previous year's imports to 507 tons.

Exports in 1995/96 are forecast to be similar to the previous year's level, but could go higher if the industry capitalizes on markets where Mexico's exports may be lower. This may be possible in Japan, Canada, and in Europe. If Mexican avocados are permitted in the Northeastern U.S., these overseas opportunities could be greater.

U.S. avocado imports rose in 1994/95 to over 22,000 tons. This is an increase of nearly 25 percent over the previous year due to the increased U.S. demand for avocado. Most of the imports came from Chile, over 15,526 tons or 69 percent, and the Dominican Republic, 5,808 tons or 26 percent of the import total. Total imports for the 1995/96 year will depend on the size of the U.S. crop and changes in U.S. import policy.

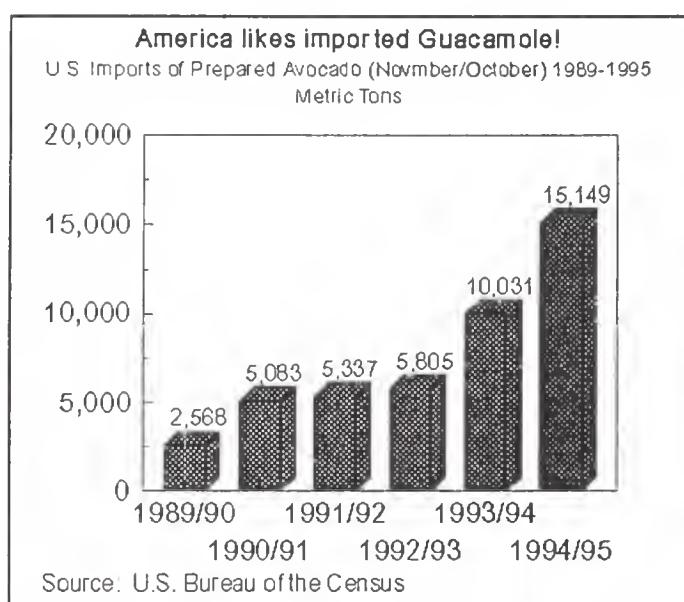
#### U.S. Exports of Avocados

Marketing Years (August/July) 1990/91-1995/96  
Metric Tons



Source: U.S. Bureau of the Census  
F - Forecast

The United States imports Mexican processed avocados as guacamole. U.S. Census data show that the United States imported over 10,000 tons of processed avocados in marketing year 1993/94. In 1994/95 over 15,000 tons were imported, an increase of 50 percent. This trend has captured the interest of other avocado producers like the Dominican Republic, which is also considering processing avocados for export to the U.S.



U.S. consumption of avocados has kept pace with production supply in recent years. Current data suggests that U.S. demand is growing and will continue. It is believed that consumption of avocados in the U.S. is closely linked with the growing Hispanic population and the nation's increasing interest in ethnic, gourmet and healthy foods.

*(For further information on avocado supply, distribution, and trade, contact Stephanie Riddick, 202-720-9792. For information on marketing contact Steve Shnitzler, 202-720-8495. For information on production contact Kelly Kirby Strzelecki, 202-720-6791.*

# AVOCADOS: PRODUCTION, SUPPLY, AND DISTRIBUTION

(Metric Tons)

Marketing Years 1993/94 - 1995/96

| Country/<br>Marketing Year 1/ | Production | Imports | Total Supply | Exports | Domestic<br>Consumption | Total<br>Distribution |
|-------------------------------|------------|---------|--------------|---------|-------------------------|-----------------------|
| Chile                         |            |         |              |         |                         |                       |
| 1993/94                       | 50,000     | 0       | 50,000       | 20,100  | 29,900                  | 50,000                |
| 1994/95                       | 48,000     | 0       | 48,000       | 12,000  | 36,000                  | 48,000                |
| 1995/96 F                     | 62,000     | 0       | 62,000       | 22,000  | 40,000                  | 62,000                |
| Israel                        |            |         |              |         |                         |                       |
| 1993/94                       | 49,000     | 0       | 49,000       | 29,000  | 20,000                  | 49,000                |
| 1994/95                       | 51,000     | 0       | 51,000       | 36,000  | 15,000                  | 51,000                |
| 1995/96 F                     | 80,000     | 0       | 80,000       | 60,000  | 20,000                  | 80,000                |
| Japan                         |            |         |              |         |                         |                       |
| 1993/94                       | 0          | 4,573   | 4,573        | 0       | 4,573                   | 4,573                 |
| 1994/95                       | 0          | 3,740   | 3,740        | 0       | 3,740                   | 3,740                 |
| 1995/96 F                     | 0          | 3,225   | 3,225        | 0       | 3,225                   | 3,225                 |
| Mexico                        |            |         |              |         |                         |                       |
| 1993/94                       | 709,000    | 0       | 709,000      | 15,000  | 694,000                 | 709,000               |
| 1994/95                       | 773,000    | 0       | 773,000      | 26,000  | 747,000                 | 773,000               |
| 1995/96 F                     | 740,000    | 0       | 740,000      | 20,000  | 720,000                 | 740,000               |
| South Africa                  |            |         |              |         |                         |                       |
| 1993/94                       | 52,244     | 4       | 52,248       | 37,248  | 15,000                  | 52,248                |
| 1994/95                       | 46,150     | 5       | 46,155       | 31,150  | 15,005                  | 46,155                |
| 1995/96 F                     | 50,000     | 5       | 50,005       | 35,000  | 15,005                  | 50,005                |
| Spain                         |            |         |              |         |                         |                       |
| 1993/94                       | 51,745     | 900     | 52,645       | 39,100  | 13,545                  | 52,645                |
| 1994/95                       | 35,100     | 2,180   | 37,280       | 26,700  | 10,580                  | 37,280                |
| 1995/96 F                     | 40,000     | 2,500   | 42,500       | 30,500  | 12,000                  | 42,500                |
| <b>TOTAL FOREIGN</b>          |            |         |              |         |                         |                       |
| 1993/94                       | 911,989    | 5,477   | 917,466      | 140,448 | 777,018                 | 917,466               |
| 1994/95                       | 953,250    | 5,925   | 959,175      | 131,850 | 827,325                 | 959,175               |
| 1995/96 F                     | 972,000    | 5,730   | 977,730      | 167,500 | 810,230                 | 977,730               |
| <b>United States</b>          |            |         |              |         |                         |                       |
| 1993/94                       | 130,400    | 17,874  | 148,274      | 9,014   | 139,260                 | 148,274               |
| 1994/95                       | 159,900    | 22,299  | 182,199      | 13,380  | 168,819                 | 182,199               |
| 1995/96 F                     | 165,000    | 26,000  | 191,000      | 13,500  | 177,500                 | 191,000               |
| <b>GRAND TOTAL</b>            |            |         |              |         |                         |                       |
| 1993/94                       | 1,042,389  | 23,351  | 1,065,740    | 149,462 | 916,278                 | 1,065,740             |
| 1994/95                       | 1,113,150  | 28,224  | 1,141,374    | 145,230 | 996,144                 | 1,141,374             |
| 1995/96 F                     | 1,137,000  | 31,730  | 1,168,730    | 181,000 | 987,730                 | 1,168,730             |

1/ Marketing Years: Israel - October/September; Chile, Japan and South Africa - Calendar Year of the second year shown; Mexico - August/July; Spain - July/June; United States - November/October.

Sources: Reports from U.S. Agricultural Attaches. USDA/NASS estimates. U.S. Department of Commerce.

F - Forecast

**U.S. EXPORTS OF AVOCADOS**  
**MARKETING YEARS (November/October) 1990/91-1994/95**  
**METRIC TONS**

| Destination           | 1990/91      | 1991/92      | 1992/93       | 1993/94      | 1994/95       |
|-----------------------|--------------|--------------|---------------|--------------|---------------|
| <b>North America</b>  |              |              |               |              |               |
| Canada                | 2,897        | 3,426        | 5,299         | 1,985        | 1,941         |
| Mexico                | 23           | 0            | 16            | 0            | 14            |
| <b>Subtotal</b>       | <b>2,920</b> | <b>3,426</b> | <b>5,315</b>  | <b>1,985</b> | <b>1,955</b>  |
| <b>European Union</b> |              |              |               |              |               |
| Sweden                | 0            | 13           | 376           | 226          | 507           |
| United Kingdom        | 221          | 363          | 1,897         | 877          | 1,360         |
| Netherlands           | 18           | 108          | 482           | 1,411        | 2,052         |
| France                | 32           | 493          | 2,928         | 2,195        | 5,207         |
| Germany               | 21           | 0            | 4             | 79           | 6             |
| Spain                 | 0            | 0            | 132           | 20           | 23            |
| Other                 | 45           | 16           | 53            | 112          | 19            |
| <b>Subtotal</b>       | <b>337</b>   | <b>993</b>   | <b>5,872</b>  | <b>4,920</b> | <b>9,174</b>  |
| <b>Asia</b>           |              |              |               |              |               |
| Singapore             | 3            | 0            | 0             | 28           | 0             |
| Korea, Republic of    | 16           | 8            | 4             | 56           | 26            |
| Hong Kong             | 9            | 0            | 3             | 71           | 61            |
| Taiwan                | 0            | 0            | 67            | 0            | 0             |
| Japan                 | 1,085        | 2,246        | 3,310         | 1,940        | 2,086         |
| <b>Subtotal</b>       | <b>1,113</b> | <b>2,254</b> | <b>3,384</b>  | <b>2,095</b> | <b>2,173</b>  |
| Other Countries       | 37           | 24           | 31            | 15           | 78            |
| <b>Grand Total</b>    | <b>4,407</b> | <b>6,697</b> | <b>14,602</b> | <b>9,015</b> | <b>13,380</b> |

Source: U.S. Bureau of the Census

**U.S. IMPORTS OF AVOCADOS**  
**MARKETING YEARS (November/October) 1989/90-1994/95**  
**METRIC TONS**

| Destination           | 1989/90       | 1990/91       | 1991/92       | 1992/93       | 1993/94       | 1994/95       |
|-----------------------|---------------|---------------|---------------|---------------|---------------|---------------|
| <b>North America</b>  |               |               |               |               |               |               |
| Mexico                | 19            | 233           | 807           | 541           | 718           | 484           |
| Subtotal              | 19            | 233           | 807           | 541           | 718           | 484           |
| <b>European Union</b> |               |               |               |               |               |               |
| Italy                 | 0             | 0             | 59            | 0             | 0             | 0             |
| Subtotal              | 0             | 0             | 59            | 0             | 0             | 0             |
| <b>Caribbean</b>      |               |               |               |               |               |               |
| Bahamas, The          | 79            | 98            | 60            | 315           | 468           | 246           |
| Jamaica & Dep.        | 0             | 0             | 2             | 15            | 0             | 2             |
| Haiti                 | 0             | 0             | 0             | 2             | 0             | 0             |
| Dominican Republic    | 1,331         | 1,935         | 5,783         | 6,011         | 4,648         | 5,808         |
| Leeward-Windward Is.  | 4             | 0             | 0             | 0             | 0             | 0             |
| Subtotal              | 1,414         | 2,033         | 5,845         | 6,343         | 5,116         | 6,056         |
| <b>South America</b>  |               |               |               |               |               |               |
| Columbia              | 2             | 0             | 0             | 0             | 0             | 0             |
| Chile                 | 10,349        | 11,276        | 16,807        | 5,570         | 12,040        | 15,526        |
| Subtotal              | 10,351        | 11,276        | 16,807        | 5,570         | 12,040        | 15,526        |
| Other Countries       | 0             | 36            | 17            | 2             | 0             | 232           |
| <b>Grand Total</b>    | <b>11,784</b> | <b>13,578</b> | <b>23,535</b> | <b>12,456</b> | <b>17,874</b> | <b>22,298</b> |

Source: U.S. Bureau of the Census

**U.S. IMPORTS OF PREPARED AVOCADOS**  
**MARKETING YEARS (November/October) 1989/90-1994/95**  
**METRIC TONS**

| Destination          | 1989/90      | 1990/91      | 1991/92      | 1992/93      | 1993/94       | 1994/95       |
|----------------------|--------------|--------------|--------------|--------------|---------------|---------------|
| Mexico               | 2,568        | 5,048        | 5,331        | 5,798        | 10,031        | 15,121        |
| Costa Rica           | 0            | 0            | 0            | 0            | 0             | 14            |
| Honduras             | 0            | 34           | 0            | 0            | 0             | 0             |
| Israel               | 0            | 0            | 5            | 0            | 0             | 0             |
| South Africa, Repub. | 0            | 0            | 0            | 7            | 0             | 12            |
| Phillipines          | 0            | 1            | 1            | 0            | 0             | 2             |
| <b>Grand Total</b>   | <b>2,568</b> | <b>5,083</b> | <b>5,337</b> | <b>5,805</b> | <b>10,031</b> | <b>15,149</b> |

Source: U.S. Bureau of the Census

## Orange Juice Outlook For Selected Countries

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Orange juice production in the major Northern Hemisphere producing countries in 1995/96 is forecast 2 percent below the previous year's level but still the second largest in recent years. Northern Hemisphere orange juice exports in 1995/96 are forecast to decrease slightly due to expected lower shipments from Mexico. U.S. orange juice exports in 1995/96, though, are forecast to rise 12 percent to a record 95,000 tons. World orange juice prices, which improved during 1995 mainly because of lower Brazilian orange juice supplies, could hold at current levels or higher through 1996, because of reduced stocks and steady demand in Europe, the main importer of orange juice.

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### Major Producers in The Northern Hemisphere

Orange juice production in 1995/96 in selected producing countries in the Northern Hemisphere is forecast to decrease by 2 percent to 1.06 million metric tons (65 degrees brix). Decreased orange juice production prospects in the United States, Mexico, Greece, and Turkey will likely more than offset increases in Italy, Israel, and Morocco. U.S. orange juice production accounts for 84 percent of the total Northern Hemisphere 1995/96 orange juice production forecast.

Total orange juice exports in 1995/96 for selected countries in the Northern Hemisphere are forecast at 234,000 tons, slightly below the previous year's shipments. Higher exports are forecast from the United States, Israel, Italy, and Morocco, while orange juice shipments from Mexico are expected to decrease in 1995/96. The forecast drawdown of stocks in the Northern Hemisphere, combined with moderate production and firm pricing from Brazilian processors, could keep world orange juice prices steady through most of this season. Demand in Europe, the main importer of orange juice, is forecast to continue strong. Reduced supplies from Brazil in 1995 helped to bring world orange juice prices in 1995 above the very low 1994 level.

#### United States

U.S. orange juice production in 1995/96 is forecast at 890,000 metric tons, 2 percent below the record set last year. Although more oranges will likely be processed in 1995/96, lower orange juice yields in Florida, the main producing state, have decreased overall U.S. orange juice production prospects. The Florida frozen concentrated orange juice (FCOJ) yield is forecast at 1.47 gallons (42 degrees brix) per box, compared to 1.50 per box last year. Florida accounts for about 92 percent of total U.S. orange juice output.

U.S. orange juice shipments should continue to expand in 1995/96, with exports forecast at a record 95,000 tons. Major U.S. customers will continue to be countries in the European Union (EU), Canada, Japan, and Korea. The EU accounted for 47 percent of total U.S. orange juice exported from December 1994 through October 1995 (complete 1994/95 year is not yet available). During the same period, Canada, Japan, and Korea accounted for 27, 5, and 5 percent, respectively. Increased promotion efforts, under the Marketing Promotion Program

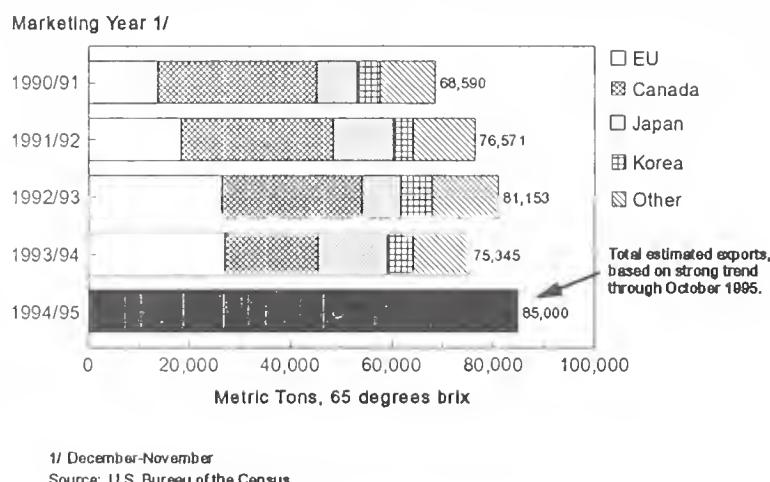
(MPP), and awareness of the good quality of U.S. orange juice have boosted exports in recent years.

U.S. orange juice exports in 1994/95, estimated at 85,000 tons, have also been assisted by reduced Brazilian exports to Canada. However, U.S. orange juice exports to Japan from December 1994 to October 1995 dropped dramatically (more than 60 percent), accounting for only 5 percent of the total amount exported. Distribution problems, lower than anticipated consumption, and substantial supplies of the lower priced Brazilian product, limited U.S. exports to Japan during that period. However, U.S. exports of single strength orange juice (SSOJ) to Japan have increased in recent years and this trend is expected to continue in 1995/96. Also, U.S. exports to non-traditional markets, such as those in the Middle East and Eastern Europe, are forecast to increase in 1995/96, due to more market promotion activities in those countries.

### Mexico

Mexico's orange juice production in 1995/96 is forecast to decrease 32 percent to 50,000 tons. Less fruit is expected to be processed this season due primarily to a smaller orange crop and to financial problems the processing industry continues to face. Relatively low international FCOJ prices during the last few years, combined with limited supplies of competitively priced domestic oranges have caused financial problems for most of the Mexican citrus processing industry. Last season, however, the Mexican processing industry experienced some relief. More attractive international FCOJ prices during 1995, the peso devaluation, increased access to the U.S. FCOJ market under the North Free Trade Agreement (NAFTA), and reduced domestic demand for fresh oranges, due to the recession, made it more profitable to divert oranges for processing in 1994/95. As a result, Mexico's orange juice production in 1994/95 increased to 73,000 tons, more than double the amount produced in the 1993/94 season.

## U.S. Exports of Orange Juice Continue Strong



U.S. FCOJ imports are likely to increase in 1995/96 in order to maintain stocks at last year's end of season level.

About 10 to 15 percent of Mexico's orange crop is utilized for processing, with most of the remainder directed to the fresh domestic market. Because of expected lower supplies, Mexico's orange juice exports in 1995/96 are forecast at 49,000 tons, down 28 percent from shipments in 1994/95. Mexico filled the U.S. orange juice tariff rate quota under NAFTA for 1995 and is expected to fill the 1996 quota. The United States is the main market for Mexican FCOJ, with Japan and European countries also becoming major customers. In 1995, exports to the United States are estimated at 40,000 to 45,000 tons compared with 33,000 tons shipped in 1994. Exports to other destinations (primarily to the EU) are estimated at 27,000 tons compared with less than 6,000 tons shipped in 1994.

Under NAFTA, Mexico has access to the United States market for 40 million gallons of FCOJ, single strength equivalent (or 28,452 tons, 65 degrees brix) at 50 percent of the most-favored-nation (MFN) applied tariff (the 1996 MFN tariff is 8.78 cents per liter, single strength

equivalent). Any FCOJ exports to the United States above the quota are subject to the current MFN rate. The tariff-rate quota will be phased out in 15 years. However, during the first 9 years of the phase-in period, the tariff for over-quota imports could be increased to the level charged for other countries if U.S. monthly average FCOJ prices fall below the 5 year average and if U.S. annual FCOJ imports from Mexico exceed 70 million gallons. The higher MFN duty will apply in years 10-15 of the phase-in period if imports from Mexico exceed 90 million gallons. The Mexican government allocates the quota among most of the producing companies. When a company cannot cover the designated quota, the Mexican government will re-allocate the share to other companies with more possibilities of exporting FCOJ to the United States. The U.S. Customs Service requires Export Quota Certificates from companies in Mexico exporting orange juice to the United States at the within-quota duty.

#### Spain

Spain's orange juice production in 1995/96 is forecast at the 1994/95 level. Higher juice yields are expected to more than offset a likely decline in fruit deliveries this season. Oranges used in Spain to produce juice are mainly those that cannot be marketed for fresh consumption. Most orange processing plants in Spain are located in the Valencia region.

Spanish orange juice exports in 1995/96 are also forecast to remain at the 1994/95 level. The bulk of orange juice exports are expected to go to traditional export markets in the EU, such as France, Germany, and the United Kingdom. Orange juice exports are not eligible for EU subsidies. Strong competition from Brazil and other key producing Mediterranean countries represent the principal obstacles to the expansion of Spanish citrus juice exports to third countries.

Brazil dominates the Spanish market for imported orange juice, mainly in the form of unsweetened concentrates, which are blended with domestic products to improve their quality and reduce costs. Tetra-pack containers, jars, and tin cans

are the principal containers used in marketing orange juice in Spain.

#### Israel

Israel's orange juice production in 1995/96 is forecast at 20,000 tons, nearly 40 percent above the previous season's output. More oranges are expected to be delivered to processors, the result of a larger orange crop forecast this season. Orange juice exports in 1995/96 are forecast at 19,000 tons, up 14 percent from shipments in 1994/95, due to the expected higher orange juice output.

#### Italy

Orange juice production in Italy in 1995/96 is expected to increase 13 percent to 34,628 tons, as a larger orange crop will likely increase the amount of oranges to be delivered to processors. Italy's citrus juice industry produces juice mainly in response to EU processing subsidies rather than in response to consumer demand. Exports of orange juice are forecast to increase 17 percent to 21,546 tons, based on larger orange juice supplies and continued devaluation of the Italian lira.

#### Greece

Greek orange juice production in 1995/96 is forecast at 9,550 metric tons, 19 percent below the 1994/95 output. Less oranges are expected to be processed in 1995/96 due mainly to anticipated increased competition from Brazilian FCOJ supplies. Production of concentrated orange juice in Greece encounters strong competition from imported frozen Brazilian product. However, imports of Brazilian FCOJ have decreased slightly in the last few years, due to improved quality of the Greek product. In 1994/95, Greece processed a record 224,000 tons of oranges, primarily the result of reduced Brazilian supplies in world markets. Greek orange juice exports, which are mainly destined to Eastern Europe, are forecast at 3,500 tons in 1995/96, unchanged from last season's shipments. Imports of orange juice into Greece are also forecast to remain at the 1994/95 level,

the result of relatively high carry-in stocks and likely stable domestic demand.

#### Morocco

Moroccan orange juice production is forecast to increase sharply (323 percent) to 14,600 tons in 1995/96. Processing of Clementines will likely increase significantly in 1995/96 because of the smaller fruit size and a likely drop in Clementine prices in the local market. Oranges for processing decreased considerably in 1994/95 due to the smaller crop. Consequently, FRUMAT, the major citrus processor in Morocco, operated at about 12 percent of its total capacity last season. In Morocco, the fresh export market absorbs the best quality fruit and usually provides a higher return to producers. Processing is considered the least desirable outlet as it provides the lowest return.

Orange juice exports in 1995/96 are forecast at 8,000 tons, up 23 percent from last season's shipments, due to the expected increase in production. Morocco's orange juice is normally exported to the EU, mainly France and Germany.

#### Turkey

Turkish orange juice production in 1995/96 is forecast at 9,300 tons, down 2 percent from the 1994/95 output of 9,500 tons, based on the expected smaller orange crop. In Turkey, about 10 percent of total orange production is processed into juice. Most of the processed juice is used for frozen concentrate, with a small portion consumed fresh. Orange juice exports in 1995/96 are forecast to decrease slightly to 2,000 tons.

### **Major Importing Countries**

#### Germany

Imports of orange juice in 1996 are forecast to increase 2 percent to 240,000 tons, based on expected increased domestic consumption. Brazil is the most important supplier of orange juice to

Germany, accounting for about 75 to 80 percent of total imports. The Netherlands and the United States are important suppliers accounting for 8 and 4 percent of the German orange juice market, respectively.

#### Japan

Japan's imports of orange juice in 1995/96 are forecast slightly above imports in 1994/95. Japan's imports of orange juice have increased significantly since the removal of import quotas in April, 1992. However, the market has failed to live up to the expectations of U.S. and Brazilian exporters. Japanese consumers drink only about one-quarter as much orange juice as their American counterparts, and well less than one-half as much as West Europeans. Brazil continues to be the major supplier accounting for about 80 percent of total Japanese imports of orange juice. The United States ranks second with a 20 percent share. A Brazilian bulk orange juice storage terminal, inaugurated in 1993, has been operating at less than capacity. Japanese importers have found it more economical to receive FCOJ imports in 200 liter drums.

Japanese imports of single strength orange juice (SSOJ), although small compared to FCOJ, have increased significantly in recent years, but still account for a small share of total imports. A stronger yen has encouraged Japanese juice traders to import more canned or bottled SSOJ, products that are now at much less of a price disadvantage versus FCOJ prices. Imports of SSOJ are expected to continue strong as consumers show a growing preference for more natural and fresh orange juice taste. The United States supplies the vast majority of Japan's imports of SSOJ.

#### Korea

Korean orange juice imports in 1995/96 are forecast at 58,000 tons, up 3 percent from last season's imports, and slightly above the minimum CY 1996 quota of 55,000 tons. Lower carry-in stocks and increasing consumption are the reasons for likely higher imports. Brazil and the United States are the only suppliers of orange

juice to Korea, accounting for 80 and 20 percent, respectively, of total Korean imports in 1994/95. However, the 1994/95 U.S. market share represents a decline from a 24 percent share reached in 1993/94. As local processors continue to look for lower juice prices, the U.S. product will continue to face stiff competition from other fruit juices. Under its Uruguay Round commitments, Korea will provide access to a 55,000 ton tariff rate quota (TRQ) in 1996 and 30,000 ton TRQ in January through June, 1997. Korean orange juice imports will be liberalized by July 1, 1997 with a bound 60 percent import duty, the only remaining barrier.

### **Major Producers in The Southern Hemisphere**

It is too early to make reliable forecasts for Southern Hemisphere countries in 1995/96 (1996 harvest).

#### **Brazil**

Brazil's 1994/95 orange juice production estimate (marketed in 1995/96) was revised down 2 percent to 986,000 tons. Fewer oranges are expected to be processed because of a slightly lower orange crop and more fruit expected to be directed to the fresh domestic market. The 1994/95 Brazilian processing season (harvested in 1995) was extended, due to a two month delayed orange crop caused by last year's drought. Brazil's processing season is normally completed by early January.

The industry strategy to produce only FCOJ to meet market needs is leaving more fruit for the fresh domestic market. Moreover, Brazilian fresh orange consumption is increasing, due to low prices, increased availability of "fresh squeezed" juices in local stores, and increased production of not-from-concentrate juice.

Brazilian orange juice exports in 1994/95 are revised up slightly to 986,000 tons based on increased demand from the European Union and higher carry-in stocks. However, Brazilian FCOJ exports to the United States decreased dramatically in 1995 because of increased supplies in Florida and more U.S. orange juice imports from Mexico.

#### **Argentina**

Argentina's orange juice production in 1994/95 is revised up 6 percent to 13,200 tons, as more oranges will be processed than earlier estimated. The increased processing of oranges in Argentina is due to increasing demand for orange juice in the domestic market. Orange juice consumption has increased from 1,957 tons in 1990/91 to an estimated 14,000 tons in 1994/95. This situation has caused Argentine orange juice exports to decrease as well, while imports continue to increase.

#### **South Africa**

Orange juice production in South Africa in 1994/95 was also revised up to 12,778 tons from 10,310 estimated in August. A larger 1994/95 orange crop combined with increasing domestic demand for orange juice are expected to direct more oranges for processing. Orange juice exports in 1994/95 are now estimated at 4,750 tons, up 14 percent from the August forecast, based on higher supplies and increased demand from the United Kingdom, South Africa's major customer.

**Table 1**  
**ORANGE JUICE: SUPPLY & UTILIZATION, MAJOR PRODUCING**  
**COUNTRIES IN NORTHERN HEMISPHERE**  
**METRIC TONS, 65 DEGREES BRIX 1/**

| Country/Year 2/ | Begin.<br>Stocks | Production | Imports | Exports | Consumption | Ending<br>Stocks |
|-----------------|------------------|------------|---------|---------|-------------|------------------|
| Greece 3/       |                  |            |         |         |             |                  |
| 1990/91         | 5,493            | 10,660     | 7,264   | 11,804  | 5,811       | 5,802            |
| 1991/92         | 5,802            | 10,351     | 5,993   | 7,264   | 9,682       | 5,200            |
| 1992/93         | 5,200            | 11,800     | 7,969   | 2,798   | 14,071      | 8,100            |
| 1993/94         | 8,100            | 7,960      | 7,217   | 2,994   | 14,500      | 5,783            |
| 1994/95         | 5,783            | 11,800     | 5,500   | 3,500   | 15,000      | 4,583            |
| 1995/96 F       | 4,583            | 9,550      | 5,500   | 3,500   | 15,000      | 1,133            |
| Israel 4/ 5/    |                  |            |         |         |             |                  |
| 1990/91         | 3,692            | 35,443     | 7,384   | 36,920  | 6,461       | 3,138            |
| 1991/92         | 3,138            | 23,998     | 4,615   | 21,044  | 10,153      | 554              |
| 1992/93         | 554              | 19,014     | 7,384   | 20,306  | 5,538       | 1,108            |
| 1993/94         | 1,108            | 16,799     | 7,384   | 16,614  | 7,384       | 1,292            |
| 1994/95         | 1,292            | 14,399     | 7,384   | 16,614  | 5,538       | 923              |
| 1995/96 F       | 923              | 20,000     | 5,000   | 19,000  | 5,500       | 1,423            |
| Italy 6/        |                  |            |         |         |             |                  |
| 1990/91         | 38,013           | 30,011     | 3,461   | 27,394  | 20,007      | 24,084           |
| 1991/92         | 24,084           | 49,248     | 3,009   | 26,317  | 20,315      | 29,709           |
| 1992/93         | 29,709           | 38,475     | 2,924   | 16,006  | 20,782      | 34,320           |
| 1993/94         | 34,320           | 34,628     | 3,386   | 18,006  | 21,545      | 32,782           |
| 1994/95         | 32,782           | 30,780     | 3,385   | 18,468  | 22,316      | 26,164           |
| 1995/96 F       | 26,164           | 34,628     | 3,385   | 21,546  | 22,777      | 19,853           |
| Mexico 6/       |                  |            |         |         |             |                  |
| 1990/91         | 0                | 39,000     | 0       | 37,200  | 1,800       | 0                |
| 1991/92         | 0                | 14,000     | 0       | 7,000   | 2,000       | 5,000            |
| 1992/93         | 5,000            | 25,000     | 0       | 23,000  | 2,000       | 5,000            |
| 1993/94         | 5,000            | 36,000     | 0       | 39,000  | 2,000       | 0                |
| 1994/95         | 0                | 73,000     | 0       | 68,000  | 2,000       | 3,000            |
| 1995/96 F       | 3,000            | 50,000     | 0       | 49,000  | 2,000       | 2,000            |
| Morocco 5/      |                  |            |         |         |             |                  |
| 1990/91         | 6,389            | 14,690     | 0       | 15,000  | 3,132       | 2,947            |
| 1991/92         | 2,947            | 6,713      | 0       | 5,806   | 2,567       | 1,287            |
| 1992/93         | 1,287            | 9,063      | 0       | 3,793   | 1,913       | 4,644            |
| 1993/94         | 4,644            | 20,949     | 0       | 12,135  | 3,500       | 9,958            |
| 1994/95         | 9,958            | 3,450      | 0       | 6,500   | 4,550       | 2,358            |
| 1995/96 F       | 2,358            | 14,600     | 0       | 8,000   | 5,658       | 3,300            |

**Table 1 (continued)**  
**ORANGE JUICE: SUPPLY & UTILIZATION, MAJOR PRODUCING**  
**COUNTRIES IN NORTHERN HEMISPHERE**  
**METRIC TONS, 65 DEGREES BRIX 1/**

| Country/Year     | Begin. Stocks | Production | Imports | Exports | Consumption | Ending Stocks |
|------------------|---------------|------------|---------|---------|-------------|---------------|
| Spain 7/         |               |            |         |         |             |               |
| 1990/91          | 1,000         | 20,000     | 19,000  | 27,000  | 13,000      | 0             |
| 1991/92          | 0             | 33,000     | 20,000  | 39,000  | 10,000      | 4,000         |
| 1992/93          | 4,000         | 24,000     | 20,000  | 39,000  | 9,000       | 0             |
| 1993/94          | 0             | 25,000     | 20,000  | 35,000  | 10,000      | 0             |
| 1994/95          | 0             | 30,000     | 17,000  | 36,000  | 11,000      | 0             |
| 1995/96 F        | 0             | 30,000     | 18,000  | 36,000  | 12,000      | 0             |
| Turkey 5/        |               |            |         |         |             |               |
| 1990/91          | 1,000         | 7,350      | 0       | 104     | 6,246       | 2,000         |
| 1991/92          | 2,000         | 8,300      | 215     | 434     | 8,081       | 2,000         |
| 1992/93          | 2,000         | 8,200      | 1,000   | 250     | 8,950       | 2,000         |
| 1993/94          | 2,000         | 8,400      | 2,259   | 857     | 9,202       | 2,600         |
| 1994/95          | 2,600         | 9,500      | 1,300   | 2,100   | 9,000       | 2,300         |
| 1995/96 F        | 2,300         | 9,300      | 1,600   | 2,000   | 9,200       | 2,000         |
| United States 8/ |               |            |         |         |             |               |
| 1990/91          | 160,047       | 623,267    | 232,722 | 68,590  | 835,288     | 112,158       |
| 1991/92          | 112,158       | 661,495    | 203,465 | 76,571  | 780,129     | 120,418       |
| 1992/93          | 120,418       | 858,537    | 231,969 | 81,153  | 954,218     | 175,553       |
| 1993/94          | 175,553       | 800,211    | 287,884 | 75,345  | 996,676     | 191,627       |
| 1994/95          | 191,627       | 911,495    | 140,000 | 85,000  | 1,015,000   | 143,122       |
| 1995/96 F        | 143,122       | 890,000    | 185,000 | 95,000  | 975,000     | 148,122       |
| <b>TOTAL</b>     |               |            |         |         |             |               |
| 1990/91          | 215,635       | 780,421    | 269,831 | 224,012 | 891,745     | 150,129       |
| 1991/92          | 150,129       | 807,105    | 237,297 | 183,436 | 842,927     | 168,167       |
| 1992/93          | 168,167       | 994,089    | 271,246 | 186,306 | 1,016,472   | 230,724       |
| 1993/94          | 230,724       | 949,946    | 328,130 | 199,951 | 1,064,807   | 244,042       |
| 1994/95          | 244,042       | 1,084,424  | 174,569 | 236,182 | 1,084,404   | 182,450       |
| 1995/96 F        | 182,450       | 1,058,078  | 218,485 | 234,046 | 1,047,135   | 177,831       |

1/ Includes all processed orange juice whether or not concentrated. One metric ton of 65 degrees brix equals 344.8 gallons at 42 degrees brix and 1,405.88 gallons at single strength equivalent.

2/ Year refers to marketing period which usually begins in the fall of the Northern Hemisphere and corresponds to the harvesting and marketing period for fresh citrus.

3/ Marketing season begins September 1 of first year shown.

4/ Includes orange juice processed from oranges in Gaza.

5/ Marketing season begins October 1 of first year shown.

6/ Marketing season begins January 1 of second year shown.

7/ Marketing season begins November 1 of first year shown.

8/ Marketing season begins December 1 of first year shown

F/ Forecast

Source: National Agricultural Statistics Service and U.S. Department of Commerce, Bureau of Census.  
 Florida Department of Citrus. Reports from U.S. Agricultural Counselors and Attachés and/or FAS/USDA estimates.

**Table 2**  
**ORANGE JUICE: SUPPLY & UTILIZATION**  
**SELECTED IMPORTING COUNTRIES**  
**METRIC TONS, 65 DEGREES BRIX 1/**

| Country/Year 2/    | Begin. Stocks | Production | Imports 3/ | Exports 4/ | Consumption | Ending Stocks |
|--------------------|---------------|------------|------------|------------|-------------|---------------|
| <b>Canada 5/</b>   |               |            |            |            |             |               |
| 1990/91            | 0             | 0          | 78,000     | 160        | 77,840      | 0             |
| 1991/92            | 0             | 0          | 67,678     | 150        | 67,528      | 0             |
| 1992/93            | 0             | 0          | 66,382     | 150        | 66,232      | 0             |
| 1993/94            | 0             | 0          | 74,999     | 150        | 74,849      | 0             |
| 1994/95            | 0             | 0          | 70,000     | 150        | 69,850      | 0             |
| 1995/96 F          | 0             | 0          | 75,000     | 150        | 74,850      | 0             |
| <b>Germany 5/</b>  |               |            |            |            |             |               |
| 1990/91            | 0             | 0          | 243,594    | 27,911     | 215,683     | 0             |
| 1991/92            | 0             | 0          | 263,093    | 31,222     | 231,871     | 0             |
| 1992/93            | 0             | 0          | 229,379    | 37,420     | 191,959     | 0             |
| 1993/94            | 0             | 0          | 232,968    | 40,201     | 192,767     | 0             |
| 1994/95            | 0             | 0          | 235,000    | 40,000     | 195,000     | 0             |
| 1995/96 F          | 0             | 0          | 240,000    | 35,000     | 200,000     | 0             |
| <b>Japan 6/ 7/</b> |               |            |            |            |             |               |
| 1990/91            | 3,000         | 200        | 32,300     | 0          | 31,500      | 4,000         |
| 1991/92            | 4,000         | 150        | 56,140     | 0          | 56,540      | 3,750         |
| 1992/93            | 3,750         | 150        | 70,460     | 0          | 66,360      | 8,000         |
| 1993/94            | 8,000         | 150        | 110,150    | 0          | 108,300     | 10,000        |
| 1994/95            | 10,000        | 150        | 119,400    | 0          | 119,550     | 10,000        |
| 1995/96 F          | 10,000        | 150        | 123,000    | 0          | 128,150     | 5,000         |
| <b>Korea 6/</b>    |               |            |            |            |             |               |
| 1990/91            | NA            | NA         | NA         | NA         | NA          | NA            |
| 1991/92            | 15,591        | 7,940      | 46,012     | 0          | 58,323      | 11,220        |
| 1992/93            | 11,220        | 14,673     | 41,540     | 0          | 60,000      | 7,433         |
| 1993/94            | 7,433         | 7,402      | 56,130     | 0          | 66,118      | 4,847         |
| 1994/95            | 4,847         | 3,319      | 56,234     | 617        | 60,000      | 3,783         |
| 1995/96 F          | 3,783         | 7,776      | 58,000     | 0          | 64,000      | 5,559         |
| <b>TOTAL</b>       |               |            |            |            |             |               |
| 1990/91            | NA            | NA         | NA         | NA         | NA          | NA            |
| 1991/92            | 19,591        | 8,090      | 432,923    | 31,372     | 414,262     | 14,970        |
| 1992/93            | 14,970        | 14,823     | 407,761    | 37,570     | 384,551     | 15,433        |
| 1993/94            | 15,433        | 7,552      | 474,247    | 40,351     | 442,034     | 14,847        |
| 1994/95            | 14,847        | 3,469      | 480,634    | 40,767     | 444,400     | 13,783        |
| 1995/96 F          | 13,783        | 7,926      | 496,000    | 35,150     | 467,000     | 10,559        |

1/ Includes all processed orange juice whether or not concentrated. One metric ton of 65 degrees brix equals 344.8 gallons at 42 degrees brix and 1,405.88 gallons at single strength equivalent. 2/ Marketing year indicated is for aggregation purposes with countries from the Northern Hemisphere corresponding to the harvesting and marketing period for fresh citrus. 3/ Includes Intra-EU trade and transhipment, particularly from the Netherlands to Germany. 4/ Re-exports including Intra-EU trade. Includes re-exports from Canada to the United States (based on United States imports using Bureau of Census data. 5/ Marketing year begins January 1 of second year shown. 6/ Marketing year begins October of first year shown. 7/ Does not include tangerine juice of which Japan annually produces and consumes 23,000 to 30,000 tons of 65 degrees brix. F/ Forecast  
Source: National Agricultural Statistics Service and U.S. Department of Commerce, Bureau of Census. Florida Department of Citrus. Reports from U.S. Agricultural Counselors and Attachés and/or FAS/USDA estimates.

**Table 3**  
**ORANGE JUICE: SUPPLY & UTILIZATION, MAJOR PRODUCING**  
**COUNTRIES IN SOUTHERN HEMISPHERE**  
**METRIC TONS, 65 DEGREES BRIX 1/**

| Country/Year 2/        | Begin. Stocks | Production | Imports | Exports   | Consumption | Ending Stocks |
|------------------------|---------------|------------|---------|-----------|-------------|---------------|
| <b>Argentina 3/</b>    |               |            |         |           |             |               |
| 1990/91                | 400           | 11,000     | 0       | 9,443     | 1,957       | 0             |
| 1991/92                | 0             | 12,000     | 450     | 7,900     | 4,550       | 0             |
| 1992/93                | 0             | 12,000     | 1,008   | 4,322     | 8,686       | 0             |
| 1993/94                | 0             | 12,500     | 2,000   | 890       | 13,610      | 0             |
| 1994/95                | 0             | 13,200     | 2,600   | 1,000     | 14,800      | 0             |
| 1995/96                | NA            | NA         | NA      | NA        | NA          | NA            |
| <b>Australia 4/</b>    |               |            |         |           |             |               |
| 1990/91                | 7,787         | 21,468     | 14,284  | 988       | 27,669      | 14,882        |
| 1991/92                | 14,882        | 29,253     | 6,975   | 998       | 32,803      | 17,309        |
| 1992/93                | 17,309        | 24,742     | 11,178  | 1,174     | 34,684      | 17,371        |
| 1993/94                | 17,371        | 24,596     | 13,678  | 1,006     | 35,661      | 18,978        |
| 1994/95                | 18,978        | 17,683     | 11,724  | 1,172     | 36,149      | 11,064        |
| 1995/96                | NA            | NA         | NA      | NA        | NA          | NA            |
| <b>Brazil 4/ 5/</b>    |               |            |         |           |             |               |
| 1990/91                | 126,000       | 949,000    | 0       | 989,000   | 18,000      | 68,000        |
| 1991/92                | 68,000        | 1,145,000  | 0       | 1,090,000 | 18,000      | 105,000       |
| 1992/93                | 105,000       | 1,118,000  | 0       | 1,100,000 | 18,000      | 105,000       |
| 1993/94                | 105,000       | 1,126,000  | 0       | 1,054,000 | 22,000      | 155,000       |
| 1994/95                | 155,000       | 986,000    | 0       | 986,000   | 22,000      | 133,000       |
| 1995/96                | NA            | NA         | NA      | NA        | NA          | NA            |
| <b>South Africa 6/</b> |               |            |         |           |             |               |
| 1990/91                | 0             | 12,414     | 77      | 4,564     | 7,927       | 0             |
| 1991/92                | 0             | 13,730     | 384     | 1,202     | 7,523       | 5,389         |
| 1992/93                | 5,389         | 13,475     | 17      | 4,232     | 9,700       | 4,949         |
| 1993/94                | 4,949         | 12,774     | 0       | 4,541     | 9,900       | 3,282         |
| 1994/95                | 3,282         | 12,778     | 0       | 4,750     | 10,100      | 1,210         |
| 1995/96                | NA            | NA         | NA      | NA        | NA          | NA            |
| <b>TOTAL</b>           |               |            |         |           |             |               |
| 1990/91                | 134,187       | 993,882    | 14,360  | 1,003,995 | 55,552      | 82,882        |
| 1991/92                | 82,882        | 1,199,983  | 7,809   | 1,100,100 | 62,876      | 127,698       |
| 1992/93                | 127,698       | 1,168,217  | 12,203  | 1,109,728 | 71,070      | 127,320       |
| 1993/94                | 127,320       | 1,175,870  | 15,678  | 1,060,437 | 81,171      | 177,260       |
| 1994/95                | 177,260       | 1,029,661  | 14,324  | 992,922   | 83,049      | 145,274       |
| 1995/96                | NA            | NA         | NA      | NA        | NA          | NA            |

1/ Includes all processed orange juice whether or not concentrated. One metric ton of 65 degrees brix equals 344.8 gallons at 42 degrees brix and 1,405.88 gallons at single strength equivalent.

2/ Marketing year indicated is for aggregation purposes with countries from the Northern Hemisphere corresponding to the harvesting and marketing period for fresh citrus. For the Southern Hemisphere, orange harvest occurs entirely during the second year shown. 3/ Marketing season begins January 1 of second year shown. 4/ Marketing season begins July 1 of second year shown. 5/ Includes small quantities of tangerine juice. 6/ Marketing season begins February 1 of second year shown. Source: National Agricultural Statistics Service and U.S. Department of Commerce, Bureau of Census. Florida Department of Citrus. Reports from U.S. Agricultural Counselors and Attachés and/or FAS/USDA estimates.

**Table 4**  
**U.S. EXPORTS OF ORANGE JUICE**  
**MARKETING YEARS 1990/91-1994/95 <sup>1/</sup>**  
**Metric Tons, 65 Degrees Brix**

| Destination                    | 1990/91       | 1991/92       | 1992/93       | 1993/94       | 1994/95<br>(December-October) |
|--------------------------------|---------------|---------------|---------------|---------------|-------------------------------|
| <b>North America</b>           |               |               |               |               |                               |
| Canada                         | 31,292        | 30,013        | 27,610        | 18,354        | 21,141                        |
| Mexico                         | 147           | 374           | 241           | 392           | 170                           |
| <b>Subtotal</b>                | <b>31,439</b> | <b>30,388</b> | <b>27,852</b> | <b>18,746</b> | <b>21,312</b>                 |
| <b>The European Union (EU)</b> |               |               |               |               |                               |
| France                         | 6,674         | 9,619         | 9,577         | 7,849         | 7,661                         |
| Belgium/Luxembourg             | 1,094         | 1,032         | 4,601         | 6,610         | 7,789                         |
| Netherlands                    | 709           | 423           | 4,255         | 4,648         | 12,984                        |
| United Kingdom                 | 525           | 2,311         | 3,131         | 4,357         | 4,153                         |
| Greece                         | 2,462         | 2,848         | 2,045         | 457           | 271                           |
| Germany                        | 1,179         | 563           | 731           | 558           | 750                           |
| Sweden                         | 778           | 793           | 1,385         | 915           | 765                           |
| Other                          | 378           | 791           | 676           | 1,609         | 239                           |
| <b>Subtotal</b>                | <b>13,799</b> | <b>18,380</b> | <b>26,401</b> | <b>27,003</b> | <b>34,612</b>                 |
| <b>Other Western Europe</b>    |               |               |               |               |                               |
| Norway                         | 1,637         | 2,060         | 2,589         | 2,060         | 1,261                         |
| Other                          | 877           | 1,016         | 922           | 546           |                               |
| <b>Subtotal</b>                | <b>2,216</b>  | <b>2,791</b>  | <b>3,226</b>  | <b>2,396</b>  | <b>1,679</b>                  |
| <b>Southeastern Asia</b>       |               |               |               |               |                               |
| Japan                          | 8,106         | 11,925        | 7,773         | 13,801        | 4,420                         |
| South Korea                    | 4,390         | 3,821         | 6,058         | 4,950         | 3,651                         |
| Hong Kong                      | 2,331         | 2,282         | 2,407         | 1,496         | 2,368                         |
| Taiwan                         | 1,852         | 2,197         | 2,144         | 1,822         | 1,630                         |
| Other                          | 1,696         | 1,593         | 1,106         | 797           | 1,389                         |
| <b>Subtotal</b>                | <b>18,375</b> | <b>21,818</b> | <b>19,488</b> | <b>22,866</b> | <b>13,458</b>                 |
| <b>Other Countries</b>         | <b>2,761</b>  | <b>3,195</b>  | <b>4,188</b>  | <b>4,344</b>  | <b>7,731</b>                  |
| <b>Grand Total</b>             | <b>68,590</b> | <b>76,571</b> | <b>81,153</b> | <b>75,345</b> | <b>78,792</b>                 |

<sup>1/</sup> Marketing season begins December of first year shown. Complete data for 1994/95 is yet not available (only from December through October).

## Canned Sweet Corn Situation in Selected Countries

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U.S. sweet corn production is estimated at 3.0 million metric tons in 1995, 11 percent below the record crop produced in 1994. The smaller crop is expected to boost U.S. prices for processed sweet corn products through the first half of 1996. The 1995 U.S. canned pack is estimated at 629,000 tons, down 19 percent from 1994, while the frozen pack estimated at 396,000 tons, about the same as the previous year. On the bright side, U.S. canned and fresh sweet corn exports rose significantly in calendar year 1995. A sharp rise in canned sweet corn exports to the European Union and dramatic gains to Korea and the Philippines are the reasons for the higher forecasts.

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### United States

#### Sweet corn production down

Production of sweet corn for processing in the United States in calendar year 1995 is estimated at 3.0 million metric tons, down 11 percent from the 1994 record level, but up 22 percent from the flood-impacted low of 1993. The decline in production was due mainly to a 6 percent drop in contract area harvested to 195,836 hectares (483,910 acres) from 1994. Hot and dry weather were the other contributing factors for lower production, causing per-acre yields to drop to 6.2 metric tons per acre from 6.6 tons in 1994. Because of the regional differences, the decline in production is expected to fall more heavily on the canned sweet corn pack with the frozen pack changing much less when compared with 1994.

With strong per acre yields in 1995, Washington state produced an estimated record crop of 747,247 metric tons to lead the nation in the production of sweet corn for processing. In Wisconsin, the nation's usual leader in sweet corn production for processing, hot weather increased acreage abandonment

and cut average yields by 18 percent compared to 1994. Excessive heat reduced yield prospects in Minnesota and New York, and accelerated crop development in New Jersey. In Delaware, the crop was planted early and escaped much of the stress caused by excessive heat. Yields in Delaware were reported to be good at harvest time.

U.S. canned sweet corn production in 1995 is estimated at 628,756 metric tons, down 19 percent from 1994, but up 17 percent from the flood impacted level of 1993. Production of sweet corn for freezing for 1995 is estimated at 396,492 metric tons, nearly unchanged from 1994's level.

#### Sweet corn exports up

During the first 10 months of 1995, U.S. exports of canned sweet corn totaled 134,000 metric tons valued at \$110 million, up 13 percent in volume and 14 percent in value from the same period in 1994.

**United States: Production of Sweet Corn for Processing, Farm Weight  
(Metric Tons)**

| States       | 1993             | 1994             | 1995             |
|--------------|------------------|------------------|------------------|
| Washington   | 532,822          | 600,109          | 747,247          |
| Wisconsin    | 534,101          | 908,781          | 626,690          |
| Minnesota    | 381,756          | 783,770          | 609,299          |
| Oregon       | 351,556          | 391,772          | 410,351          |
| New York     | 192,797          | 186,918          | 202,576          |
| Indiana      | 152,499          | 131,861          | 112,401          |
| Illinois     | 165,962          | 176,395          | 121,682          |
| Other States | 157,152          | 205,171          | 185,403          |
| Canning 1/   | 1,325,211        | 1,923,106        | 1,548,626        |
| Freezing 2/  | 1,143,436        | 1,461,671        | 1,467,023        |
| <b>Total</b> | <b>2,468,647</b> | <b>3,384,777</b> | <b>3,015,649</b> |

Source: National Agricultural Statistical Service, USDA 1/ Farm weight data can be converted to net weight basis by using a factor of 2.463. 2/ Farm weight data can be converted to net weight basis by using a factor of 3.7.

Exports of frozen corn during the same period totaled 51,000 tons valued at \$44 million, up 1 percent in volume, but down 3 percent in value. Exports of fresh sweet corn for the same period totaled 46,000 tons valued at \$19 million, up 41 percent in volume and 28 percent in value from the previous year's level. Asia and the EU-15 accounted for the bulk of U.S. canned and frozen corn exports during this period, while Canada accounted for the major share of fresh corn exports.

U.S. exports of fresh, frozen and canned sweet corn in calendar year 1994 totaled 247,000 metric tons valued at \$197 million, down 8 percent in volume and only 1 percent in value. Canned corn exports accounted for 60 percent of all shipments, followed by frozen corn with 26 percent, and fresh corn with 14 percent.

#### **Japan remains number one market**

Japan remained the number one market for canned corn exports, accounting for 37 percent of the total volume shipped in calendar year

1994. Other important markets included Taiwan, Canada, Hong Kong, Korea, United Kingdom, Mexico, and other Western European countries.

Exports of fresh corn increased dramatically in 1994, up 66 percent from 1993's level, due mainly to increased shipments to Mexico. For the first time in two years, exports of frozen sweet corn in 1994 registered a moderate increase of 3 percent above the previous year. Increased shipments to Taiwan, Hong Kong and Canada were responsible for this modest gain.

#### **U.S. canned corn imports up**

U.S. imports of fresh, frozen, and canned sweet corn in calendar year 1994 totaled 29,666 tons valued at \$22 million, up 54 percent in volume and 69 percent in value. Frozen corn pack accounted for 51 percent of U.S. sweet corn imports, followed by canned corn with 33 percent and fresh corn with 16 percent. Canada continued to be the major supplier of frozen corn pack, while Thailand and Mexico were the primary suppliers of canned and fresh corn, respectively.

On the canning side, prices bottomed out in the second half of 1995 and have steadily moved upward since. For example, the average wholesale cut sweet corn prices, which were down in the second quarter to \$6.88 per case for 24/300's and \$11.08 per case for 6/10's, began to move upward in the third quarter to \$7.18 per case of 24/300's, and to \$11.73 per case of 6/10's. With the smaller crop in the Lake States, smaller supplies and continued price strength are expected through the first half of 1996.

### **U.S. canned sweet corn exports to the EU get relief**

On July 1, 1995, the EU began assessing its import duty on canned sweet corn on a gross weight basis, as opposed to drained weight, according to the USEU office in Brussels. This shift in policy resulted in a significant increase in the tariff assessment, with duty being charged on approximately 55 grams of water per can, or nearly one metric ton per container. Before July 1, the EU tariff schedule contained a footnote specifying that the duty was to be applied on a drained weight basis. However, the new Uruguay Round schedule did not contain a similar instruction. Compounding the problem, bilateral trade agreements between the EU and Hungary and Switzerland allowed the duty to be assessed on the product's drained weight. This disparate policy reportedly provided Hungarian product a 65 percent price advantage compared to the U.S. canned sweet corn.

In December 1995, the EU Commission amended EU Regulation 1359/95, in response to a United States Government demarche, to allow the applicable duty on canned sweet corn to be assessed on the product's drained weight, as it was prior to July 1, 1995.

## **France**

France is the world's third largest producer of canned sweet corn. In marketing year 1995, production of sweet corn is estimated at 106,110 tons net weight, compared to the

revised 99,470 tons net weight produced in 1994.

According to the French Canners Federation (CFC), and the French Corn Producers Association (AGPM), France is the leading European producer of canned sweet corn, with Italy trailing at a distinct second. French sweet corn production annually accounts for about 85 percent of the total EU crop. Also, French sweet corn production is usually about four times as large as the Italian crop.

### **France produces three types of sweet corn**

The production of sweet corn in France is mainly for canning, while the production of fresh and frozen sweet corn products is still relatively minor.

The principal production area for canned sweet corn is located in Aquitaine, the southwestern region of the country. The bulk of French farmers producing sweet corn are members of cooperatives. The six major corn canners are Avril, Bonduelle, Cecab (which belongs to Daucy), Geant Vert, Lomco, and Ardovries, a Belgian company which entered the market in 1994. Fresh corn production in France is still not very competitive, because production is very seasonal and composed mostly of small producers. As a result, fresh sweet corn production in France is marginal. The AGPM estimates that the area planted to sweet corn for fresh consumption in 1995 is estimated to be about the same as the 1994 level of 400 hectares. The production of frozen sweet corn in 1994 totaled 15,000 tons, up 11 percent from 1993. French production of frozen corn accounted for 50 and 59 percent of the European Union's sweet corn production in 1994 and 1993, respectively, while Spain produced the rest.

## French harvest season

The harvesting season for sweet corn in France is from mid-July to early September. Most sweet corn producers also grow corn for animal feed, and therefore use the same machinery and similar techniques for both cultivations. The bulk of sweet corn farms use irrigation.

## Per capita consumption situation

French per capita consumption of sweet corn is currently estimated at 800 grams, and includes mainly canned shelled corn. In comparison to the United States, per capita consumption in France is still far below the United States per capita consumption of sweet corn estimated at 2.5 kilograms per year, including corn-on-the-cob, canned, frozen, or fresh whole kernel.

According to SECODIP (Consumer Survey Agency), the French consumption of canned corn is currently increasing, due to a rising number of consumers consisting mostly of young people between the ages of 20 to 30 years old. Over 66 percent of the annual consumption of sweet corn occurs over the harvest season from July to September. This seasonality in French consumption of canned sweet corn is due to the fact that this product is mainly consumed cold, in salads, and is, therefore, considered as a summer meal. In the United States canned sweet corn is consumed mostly warm. It is estimated that total French consumption of canned vegetables and sweet corn is broken down into roughly 80 percent household consumption and 20 percent institutional use.

In France, the bulk of canned sweet corn is sold in supermarkets, packaged in metal cans, with small amounts packaged and sold in glass jars.

## Trade outlook

France has been a net exporter of canned sweet corn since 1989. In calendar year 1995, French exports of canned sweet corn are estimated at

75,000 tons, compared to 67,246 tons exported in 1994. Exports by country of destination for 1995 are not available. In 1994, canned corn exports increased 20 percent above the 1993 level, primarily due to larger shipments to Germany, France's primary export market, and to Japan--ranking seventh in exports.

Traditionally, France is not a large importer of canned sweet corn. In 1995, French imports are estimated at 4,000 metric tons. French imports of canned sweet corn in 1994 totaled 5,154 metric tons, down 17 percent from 1993. The United States and Canada were France's major suppliers in 1994, accounting for 31 and 22 percent of total imports, respectively. In 1994, French imports from Hungary decreased dramatically to 210 tons from 2,435 tons in 1993. This steep drop in imports was due to the fact that the French company, Bonduelle, which opened a factory in Hungary in 1991, changed its export strategy to target other EU countries as market opportunities in addition to France. Imports from Hungary were mainly replaced by imports from Thailand and Italy.

## Import regulations

There are no import restrictions for canned sweet corn in France, but the product must be free of L. tryptophane amino-acid labels for canned food products packed in liquid must indicate the net product weight, as well as the drained weight in metric units. Also, imports of canned sweet corn into France are subject to a customs duty of 7.5 percent ad valorem, plus a variable levy amounting to 13.8 ECU per 100 kilograms, net weight.

As a result of the Uruguay Round Negotiations, custom duties and levies have decreased for imports of canned sweet corn from third countries. If the product is preserved with corn oil, there is a tax levied on the oil in addition to the customs duty, which amounts to 0.826 French francs per net kilogram of finished product. All domestically produced and imported canned corn products are subject to the French value added tax of 5.5 percent.

Although processed as a vegetable, sweet corn is grown like a cereal and therefore the same EU regulations apply as for any other grain. CAP Reform mandated a decrease in internal support (intervention) prices for corn, but also introduced a system of direct payments as compensation.

## United Kingdom

The United Kingdom is not a producer of canned sweet corn, although small amounts of fresh sweet corn are grown and consumed on the cob.

The United Kingdom imports all of its canned sweet corn needs and has a well developed and stable market with limited growth potential.

### U.K. sweet corn demand down

The canned sweet corn market in the United Kingdom has shown a marginal decline over the last two years to less than 35,000 metric tons in calendar year 1995, after reaching a peak of around 37,000 tons in 1992. This decline is a result of the gradual increase in consumption of fresh vegetables and canned corn mixed with other vegetables such as sweet peppers.

The major market trend for consumers over the past several years has occurred in varietal demand. Naturally-sweet varieties have become more and more popular, as consumers have moved away from product with added salt and sugar. This continues to be due to increased dietary concerns.

Canned corn in the United Kingdom is normally sold at retail in two can sizes, 198 grams and 330 grams. Industry sources feel that can sizes are likely to decrease given the increased number of single-person households and the marketing strategy of reducing the individual pack price.

### Distribution channels

The distribution of canned sweet corn continues to be divided between the food service industry (30 percent of the market) and retail outlets (70 percent). At the retail level, the market is led by own-label product, which is priced beneath its branded competition. The supermarkets seek to establish prices in advance and allow profit margins to fluctuate in response to changes in import/wholesale prices.

The average U.K. import prices for canned sweet corn in December 1994 from the United States, Canada and Israel was 680, 834, and 777 pounds sterling per metric ton, cif, respectively. The average sweet corn import price from France (duty free) for 1994 was 950 pounds sterling, down 4 percent from 1993.

### U.K. supermarkets prefer traditional sweet corn imports

Although import prices may fluctuate due to exchange rate movements and product availability, the retail price tends to be unaffected. Supermarkets prefer sweet corn from the United States, Canada and France, even though prices are higher than those from other competitors, because of the higher quality.

Although, at present, supermarkets prefer to source canned corn from traditional/established suppliers, the standards in other countries such as Thailand are improving. Also, trade sources reveal that the length of time required for U.S. shipments of canned corn to reach the United Kingdom reduces competitiveness.

Given the nature of the United Kingdom's market, market development activities are concentrated on valued added product, i.e., mixes of canned sweet corn with other vegetables, etc. New product lines are often developed in cooperation between canners and importers, with retailers test marketing the new products.

According to industry sources, wholesale prices in the United Kingdom, which are not published,

tend, on average, to be 50 percent higher than import price levels. The wholesale price includes import duties/levels, landing charges, distribution charges plus the trader's margin.

### **Low cost sweet corn sales benefit over most generic sales in U.K.**

Marketing efforts for canned corn are limited and are usually initiated by the importers and/or supermarkets rather than by the supplying country. U.K. supermarkets presently promote canned corn three or four times during the year by using discounted price promotions. Traders' anecdotal evidence suggests temporary sales increases during discounting, with no long term growth in demand. Generic country promotions may increase country share but total demand is unlikely to be affected. Branded promotions increase product awareness and total canned corn sales, but since many consumers purchase only on price, the lowest cost product benefits most. Unlike many other vegetables, which have peak demand periods, for instance Christmas, Easter, etc., the demand for canned sweet corn is generally constant throughout the year.

### **Canned sweet corn preferred over frozen sweet corn**

Due to the large differential between canned and frozen sweet corn, there is limited competition between these two products. As well as being far cheaper, canned sweet corn has the advantage of smaller pack sizes. Sweet corn, which has a greater quality appeal, has gained market share in the canned vegetable market at the expense of other vegetables, primarily the traditional market leader, canned peas.

### **Food Safety Act and EU Labeling Legislation governs canned corn sales**

Canned sweet corn is governed by the 1990 Food Safety Act which regulates all trading of food in the United Kingdom. This act deals with both food safety and consumer protection. In

accordance with this act, it is an offense to sell food which does not comply with the food safety requirement. All parties involved in the food distribution chain are subject to the act.

Packaging must adhere to EU labeling legislation. Canned corn produced as "own-label" brands will have labeling which adheres to this legislation as the labels are designed by the UK supermarkets. U.S. brands must ensure that appropriate labeling is used.

Imports of canned sweet corn from the United States are subject to an import duty of 7.5 percent ad valorem, plus a variable charge of 11.4102 pounds sterling per 100 kilograms effective as of September 25, 1995, tariff code 200580000.

## **Germany**

Although small amounts of sweet corn are grown in Germany, the production of canned corn is virtually non-existent, and the supply is almost exclusively dependent upon imports.

In 1995, German imports of canned sweet corn are estimated at 50,000 metric tons, down 10 percent from 1994, but up 19 percent from 1993. Throughout the 1980's and early 1990's, the United States was the dominant supplier of canned sweet corn to Germany, supplying about one-third of the import volume. Since 1992, France has taken over as the number one supplier. In 1994, France's canned sweet corn shipments to Germany accounted for approximately 50 percent of the total volume, followed by Hungary, 17 percent; Italy, 11 percent; the United States, 10 percent and Thailand, 7 percent. Other smaller suppliers included Israel, Canada and the Netherlands.

German exports of canned corn are minimal. In 1994, Germany's exports totaled only 2,866

tons, with the intra-EU trade accounting for 84 percent of the total.

#### **Germany: Canned Sweet Corn Imports, Metric Tons**

| Origin        | 1992   | 1993   | 1994   |
|---------------|--------|--------|--------|
| France        | 17,964 | 19,713 | 27,512 |
| Italy         | 5,455  | 4,433  | 5,963  |
| Hungary       | 5,538  | 4,344  | 9,269  |
| United States | 11,458 | 14,125 | 5,567  |
| Thailand      | 2,594  | 1,727  | 3,714  |
| Others        | 2,818  | 3,248  | 3,320  |
| Total         | 45,827 | 46,590 | 55,345 |

Source: U.S. Agricultural Counselor, Germany.

## **Taiwan**

Production of sweet corn in Taiwan is mostly for fresh consumption. According to local sources, farmers prefer to sell their corn fresh because it sells for a higher price than does corn slated for processing. The higher processing costs are due to high local labor costs and small quantities available for processing. For this reason, Taiwan processors and retailers rely heavily on canned sweet corn imports.

In 1994, canned sweet corn imports totaled 19,528 tons, up 29 percent from 1993. U.S. canned corn imports continue to dominate the Taiwanese market, because buyers and consumers remain loyal to U.S. canned corn product and are reluctant to try competitor's brands. Reportedly, U.S. and competitor's canned corn prices are all comparable.

## **U.S. frozen corn superior to competitor's**

Although of superior quality, U.S. frozen sweet corn imports in Taiwan faced strong competition from Australia and New Zealand in 1994, because U.S. frozen corn prices were higher than those of its competitors.

In 1994, frozen corn imports totaled 5,854 tons, up 80 percent from 1993. U.S. frozen shipments to Taiwan in 1994 accounted for almost 50 percent of the total volume. Reportedly, frozen sweet corn imports from Australia and New

Zealand will likely continue to be the primary competition for U.S. frozen corn in the near future.

## **Taiwan reduces import tariffs on canned corn**

The import tariffs for over 240 agricultural items were reduced on July 18, 1995. Canned sweet corn was among the items which underwent a tariff reduction. The import duty on canned sweet corn was reduced from 20 percent on the cif price to 17.50 percent. The import duty on frozen sweet corn is 25 percent on the cif value.

## **Canada**

Canada is the world's second largest producer of sweet corn. In 1994, sweet corn production in Canada totaled 347,473 metric tons on 32,006 hectares, up from 262,907 tons on 29,609 hectares in 1993. An average 1995 crop is estimated in all major production areas in Canada. The Province of Ontario annually accounts for about 60 percent of Canada's sweet corn production and area, followed by the Province of Quebec which accounts for about 30 percent.

## **Canada's exports of canned sweet corn up sharply**

During the first eleven months of 1995, Canadian exports of canned sweet corn are estimated at 13,000 tons, up 27 percent from the same period in 1994. Traditionally, over 70 percent of Canada's canned sweet corn exports are destined for (in ranking order) the United Kingdom, the United States and Germany.

## **U.S. canned sweet corn exports to Canada down**

Total Canadian imports of canned sweet corn in recent years have held steady at slightly over 5,000 metric tons. Based on eleven months of data, imports in 1995 will fall to about 4,800

tons from 5,200 tons in 1994. The United States and Taiwan are Canada's principal suppliers of canned corn. Since 1993, imports from Taiwan have shown a dramatic increase at the expense of U.S. market share. Imports from Taiwan rose from 35 percent of the total in 1993 to an estimated 57 percent during 1995, while imports from the United States over the same period declined from 63 percent of the total to an estimated 42 percent in 1995.

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**United States: Production, Supply and Utilization of Sweet Corn**  
**(Metric tons)**

| <b>Canned, Net Product Weight:</b>     | <b>1992</b> | <b>1993</b> | <b>1994</b> | <b>1995 4/</b> |
|--|-------------|-------------|-------------|----------------|
| Beginning Stocks                       | 446,433     | 421,994     | 261,698     | 360,483        |
| Production 1/                          | 678,535     | 538,047     | 780,798     | 628,756        |
| Imports 2/                             | 7,322       | 7,205       | 9,712       | 10,500         |
| Total Supply                           | 1,132,290   | 967,246     | 1,052,208   | 999,739        |
| Exports 2/                             | 149,453     | 173,366     | 148,945     | 167,000        |
| Ending Stocks                          | 421,994     | 261,698     | 360,483     | 319,286        |
| Domestic Utilization                   | 560,843     | 532,182     | 542,780     | 513,453        |
| <br><b>Frozen, Net Product Weight:</b> |             |             |             |                |
| Beginning Stocks                       | 213,558     | 222,459     | 168,358     | 220,154        |
| Production 3/                          | 345,567     | 309,034     | 395,046     | 404,559        |
| Imports 2/                             | 7,105       | 9,167       | 15,128      | 8,300          |
| Total Supply                           | 566,224     | 540,663     | 578,532     | 633,013        |
| Exports 2/                             | 62,171      | 62,307      | 64,395      | 64,000         |
| Ending Stocks                          | 222,459     | 168,358     | 220,154     | 234,841        |
| Domestic Utilization                   | 281,598     | 310,003     | 293,968     | 334,172        |
| <br><b>Fresh, Farm Weight:</b>         |             |             |             |                |
| Beginning Stocks                       | 0           | 0           | 0           | 0              |
| Production                             | 837,930     | 854,305     | 957,543     | 929,874        |
| Imports 2/                             | 5,164       | 2,909       | 4,826       | 6,500          |
| Total Supply                           | 843,094     | 857,214     | 962,369     | 936,374        |
| Exports 2/                             | 42,709      | 34,241      | 33,772      | 47,000         |
| Ending Stocks                          | 0           | 0           | 0           | 0              |
| Domestic Utilization                   | 800,385     | 822,973     | 928,597     | 889,374        |

Source: Economic Research Service, Vegetables and Specialties Report-November 1995. 1/ Converted from farm weight equivalent to net product weight by using a factor of 2.463. 2/ U.S. Department of Commerce, Bureau of the Census. 3/ Converted from farm weight equivalent to net weight by using a factor of 3.7. 4/ Imports and exports are FAS estimates.

**United States: Exports of Fresh, Canned and Frozen Sweet Corn, Calendar Year**  
**(Quantity in Metric tons and Value in \$1,000)**

| Commodity/<br>Destination | 1992           |                | 1993           |                | 1994           |                | 1995 1/        |               |
|---------------------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|---------------|
|                           | MT             | Value          | MT             | Value          | MT             | Value          | MT             | Value         |
| <b>Fresh:</b>             | <b>42,709</b>  | <b>15,856</b>  | <b>34,241</b>  | <b>14,309</b>  | <b>33,772</b>  | <b>16,488</b>  | <b>43,576</b>  | <b>18,455</b> |
| Canada                    | 38,182         | 13,803         | 32,010         | 13,117         | 29,089         | 12,466         | 32,197         | 12,637        |
| Japan                     | 351            | 267            | 66             | 52             | 2,650          | 2,508          | 7,944          | 3,779         |
| United Kingdom            | 3,174          | 1,243          | 1,479          | 681            | 920            | 538            | 1,041          | 626           |
| Mexico                    | 412            | 231            | 199            | 109            | 161            | 120            | 36             | 25            |
| Switzerland               | 327            | 151            | 315            | 167            | 214            | 245            | 148            | 224           |
| Others                    | 263            | 161            | 172            | 183            | 738            | 611            | 2,210          | 1,164         |
| <b>Canned:</b>            | <b>149,453</b> | <b>115,984</b> | <b>173,366</b> | <b>132,842</b> | <b>148,945</b> | <b>123,175</b> | <b>120,775</b> | <b>99,982</b> |
| Asia:                     | 82,208         | 64,763         | 97,124         | 77,328         | 100,161        | 87,501         | 73,567         | 63,848        |
| Japan                     | 43,970         | 34,758         | 56,011         | 44,585         | 55,384         | 46,480         | 41,529         | 34,878        |
| Taiwan                    | 16,538         | 15,660         | 16,632         | 14,340         | 17,748         | 16,852         | 9,710          | 8,579         |
| Hong Kong                 | 12,841         | 7,062          | 14,013         | 9,017          | 13,070         | 10,640         | 8,748          | 7,273         |
| Korea                     | 3,515          | 3,509          | 5,661          | 5,721          | 8,046          | 8,546          | 8,757          | 8,992         |
| United Kingdom            | 20,764         | 15,357         | 16,918         | 11,713         | 11,015         | 7,892          | 10,520         | 8,440         |
| Netherlands               | 7,576          | 5,599          | 10,114         | 7,327          | 6,541          | 4,010          | 1,716          | 1,181         |
| Germany                   | 13,971         | 10,918         | 17,791         | 12,753         | 5,040          | 3,790          | 14,164         | 10,701        |
| Mexico                    | 2,618          | 1,951          | 3,815          | 3,029          | 5,520          | 4,098          | 2,003          | 1,417         |
| Sweden                    | 3,590          | 2,662          | 4,222          | 3,211          | 4,052          | 3,322          | 1,783          | 1,451         |
| Canada                    | 2,033          | 1,839          | 3,410          | 2,455          | 2,826          | 1,926          | 1,637          | 1,090         |
| Norway                    | 2,159          | 1,646          | 3,794          | 2,785          | 2,127          | 1,580          | 2,325          | 1,735         |
| Others                    | 14,534         | 11,249         | 16,178         | 12,241         | 11,663         | 9,056          | 13,060         | 10,119        |
| <b>Frozen:</b>            | <b>62,171</b>  | <b>49,149</b>  | <b>62,307</b>  | <b>51,953</b>  | <b>64,395</b>  | <b>57,443</b>  | <b>44,645</b>  | <b>38,933</b> |
| Asia:                     | 43,745         | 36,375         | 45,535         | 38,754         | 47,275         | 43,706         | 31,160         | 29,026        |
| Japan                     | 35,859         | 30,511         | 38,816         | 33,557         | 38,341         | 36,268         | 26,254         | 24,988        |
| Taiwan                    | 2,684          | 2,235          | 2,081          | 1,782          | 4,683          | 3,827          | 1,533          | 1,346         |
| Hong Kong                 | 4,239          | 2,965          | 4,235          | 3,108          | 3,545          | 3,162          | 2,729          | 2,153         |
| Australia                 | 5,070          | 3,761          | 6,202          | 4,786          | 3,434          | 2,766          | 2,209          | 1,801         |
| Canada                    | 3,085          | 2,225          | 2,117          | 1,530          | 3,619          | 2,927          | 2,805          | 2,236         |
| Mexico                    | 3,243          | 2,101          | 2,649          | 1,656          | 3,531          | 1,882          | 1,499          | 877           |
| EU-15 2/                  | 5,635          | 3,322          | 3,339          | 2,791          | 2,491          | 2,132          | 2,092          | 1,527         |
| Others                    | 1,393          | 1,365          | 2,465          | 2,436          | 4,045          | 4,030          | 4,880          | 3,466         |

Source: U.S. Department of Commerce, Bureau of the Census.

1/ January to September. 2/ Prior to 1994, data included EU-12.

**United States: Imports of Fresh, Canned and Frozen Sweet Corn, Calendar Year**  
**(Quantity in Metric tons and value in \$1,000)**

| Commodity/<br>Origin | 1992             |                  | 1993             |                  | 1994              |                   | 1995 1/          |                  |
|----------------------|------------------|------------------|------------------|------------------|-------------------|-------------------|------------------|------------------|
|                      | MT               | Value            | MT               | Value            | MT                | Value             | MT               | Value            |
| <b>Fresh:</b>        | <b>5,164</b>     | <b>1,679</b>     | <b>2,909</b>     | <b>1,345</b>     | <b>4,826</b>      | <b>2,590</b>      | <b>5,247</b>     | <b>2,823</b>     |
| Mexico               | 4,285            | 1,583            | 2,649            | 1,243            | 4,045             | 2,141             | 4,225            | 2,404            |
| Canada               | 879              | 96               | 245              | 81               | 184               | 103               | 786              | 191              |
| Costa Rica           | 0                | 0                | 10               | 20               | 592               | 337               | 217              | 214              |
| Others               | 0                | 0                | 5                | 1                | 5                 | 9                 | 19               | 14               |
| <br><b>Canned:</b>   | <br><b>7,322</b> | <br><b>6,192</b> | <br><b>7,205</b> | <br><b>5,697</b> | <br><b>9,712</b>  | <br><b>7,633</b>  | <br><b>8,179</b> | <br><b>6,958</b> |
| Thailand             | 6,887            | 5,881            | 6,099            | 4,952            | 5,648             | 4,750             | 5,788            | 5,004            |
| Mexico               | 58               | 33               | 285              | 251              | 16                | 12                | 0                | 0                |
| Canada               | 152              | 79               | 563              | 309              | 2,958             | 2,210             | 2,174            | 1,757            |
| Indonesia            | 176              | 101              | 258              | 174              | 82                | 73                | 188              | 154              |
| Australia            | 0                | 0                | 0                | 0                | 454               | 258               | 0                | 0                |
| New Zealand          | 0                | 0                | 0                | 0                | 496               | 260               | 0                | 0                |
| Others               | 49               | 98               | 0                | 11               | 58                | 70                | 29               | 43               |
| <br><b>Frozen:</b>   | <br><b>7,105</b> | <br><b>4,914</b> | <br><b>9,167</b> | <br><b>6,055</b> | <br><b>15,128</b> | <br><b>11,431</b> | <br><b>5,529</b> | <br><b>4,481</b> |
| Canada               | 6,924            | 4,734            | 8,767            | 5,791            | 10,933            | 8,247             | 5,118            | 4,048            |
| Israel               | 0                | 0                | 0                | 0                | 1,582             | 1,453             | 0                | 0                |
| Chile                | 0                | 0                | 0                | 0                | 480               | 309               | 0                | 0                |
| South Africa         | 0                | 0                | 0                | 0                | 977               | 706               | 0                | 0                |
| Dom. Rep.            | 0                | 0                | 149              | 72               | 421               | 172               | 214              | 226              |
| Mexico               | 0                | 0                | 52               | 30               | 349               | 228               | 118              | 71               |
| Others               | 181              | 180              | 199              | 162              | 386               | 316               | 79               | 136              |

Source: U.S. Department of Commerce, Bureau of the Census.

1/ January to September.

## Pistachio Situation and Outlook

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Pistachio production in selected countries in 1995/96 is forecast to increase 17 percent to about 127,000 metric tons. All 5 selected countries, except Greece, are expected to register increases. Total exports from selected countries in 1995/96 are forecast to rise 4 percent to 39,400 tons, with the United States accounting for most of the increase. U.S. pistachio exports in 1994/95 reached a record 28,788 tons, 17 percent above the previous year's volume. Most of the expansion of U.S. exports involved shipments to China, Hong Kong, and Taiwan. Further expansion in U.S. exports is expected in 1995/96 as the U.S. pistachio industry is targeting India, the Philippines, and Russia for significant market development.

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### Summary

Pistachio production for 1995/96 in selected countries<sup>1/</sup> is forecast at 126,724 tons (inshell basis), up 17 percent from 1994/95 because of increased output in all selected countries, except Greece.

Pistachio exports in 1995/96 from selected countries are forecast at a record 39,400 tons with the United States accounting for most of the increase. U.S. pistachio exports in 1995/96 are forecast at 30,000 tons--4 percent above the previous year's volume.

Pistachio production for 1995/96 in the four foreign countries surveyed is forecast at 60,500 tons (inshell basis), up 22 percent from 1994/95 because of increased output in Italy, Syria, and Turkey. Exports from the four non-U.S. suppliers will probably edge up 2 percent to 9,400 tons.

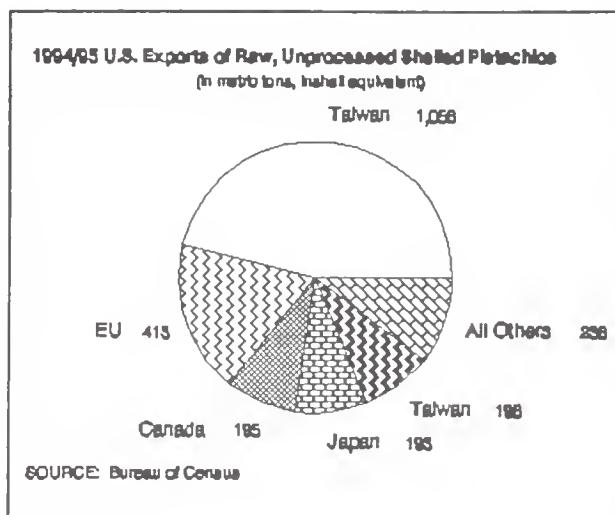
<sup>1/</sup> Iran, the world's largest pistachio producer, is not a selected country, because reliable production and trade data are not available.

### United States

The National Agricultural Statistics Service estimates the 1995/96 crop at 66,224 tons, 13 percent above the previous year's output. These results come during the up year of the alternate bearing cycle for pistachios. Sources in the U.S. pistachio industry note that alternate bearing of pistachio trees is not as pronounced with more new trees entering production.

In 1994/95, total U.S. exports of pistachios (inshell basis) expanded 17 percent to 28,788 tons. There has been a 14-fold increase in quantity exported from 2,132 tons in 1984/85. The percentage of exports to U.S. production of pistachios (inshell basis) ballooned from 7 percent in 1984/85 to 49 percent in 1994/95. Asian countries provided most of the additional sales.

Inshell pistachios comprised an estimated 42 percent of total U.S. exports in 1994/95. U.S. shipments overseas of this product rose 23 percent from 1993/94 to 12,125 tons. The five



major customers represented 84 percent of the export market. Hong Kong bought 47 percent of U.S. inshell pistachios. Japan accounted for 11 percent of exports. China followed with 10 percent, while the EU and Taiwan rounded out the picture at 9 and 7 percent, respectively.

Exports of prepared or preserved pistachios, 38 percent of the total, increased 11 percent in 1994/95 to 10,965 tons (inshell basis). Prepared

Hong Kong led with 38 percent of the total, followed by the European Union (EU) at 19 percent, Singapore with 8 percent, Japan at 7 percent, and Taiwan having 6 percent of U.S. exports.

Shelled pistachios (inshell basis) accounted for the remaining 20 percent of total 1994/95 U.S. pistachio exports. In 1994/95, exports of shelled pistachios gained 16 percent to 2,269 tons (shelled basis). The 5 main customers provided 90 percent of exports. Hong Kong again dominated with 47 percent of the total. The EU bought 18 percent of all U.S. shelled pistachios, followed by Canada and Japan, both at 9 percent. Taiwan accounted for 8 percent of all sales.

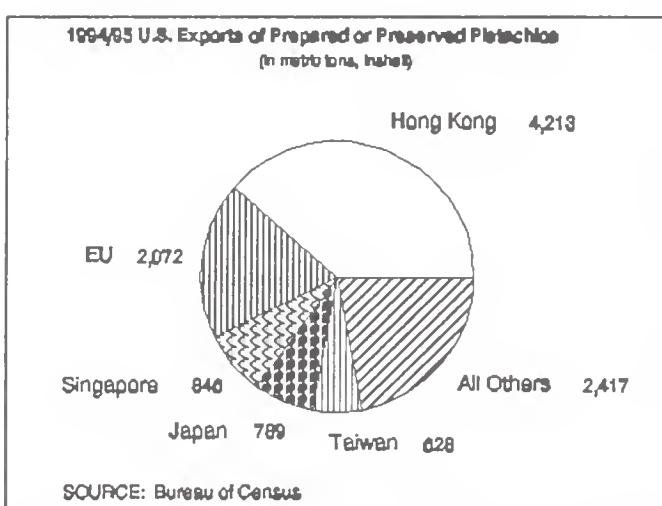
The U.S. pistachio industry wants to continue to expand exports. To achieve this goal, it has targeted three countries for particular attention: India, the Philippines, and Russia.

#### Greece

Pistachio production during 1995/96 is forecast at 4,000 tons, down 5 percent from 1994/95. Although harvested area is estimated up slightly in 1995/96, to 4,900 hectares, an off-year in the bearing cycle is expected to limit output. Usually, Greece cultivates enough pistachios to cover domestic demand with some exports in years of good output and satisfactory quality.

Domestic consumption of pistachios fluctuates between 4,500 and 5,200 tons. The confectionery and ice cream industries use 65 to 70 percent of Greece's total supply of pistachios. The remainder of Greek pistachios become snack food packed in cellophane units of 200, 400, and 500 grams.

Imports of pistachios outpace exports. In 1993, Greece exported only 387 tons of pistachios. Meanwhile, imports reached 1,100 tons for the



or preserved pistachios remain inshell. Five principal markets accounted for 78 percent of exports of prepared or preserved pistachios.

same period. Iran supplied 84 percent of this quantity. Germany followed with 7 percent, while the Netherlands provided 2 percent.

## **Italy**

Pistachio output is forecast up sharply in 1995/96--to 3,500 tons from 300 tons in 1994/95--due to the Sicilian tradition of radically pruning the trees every other year. The quality of this year's crop reportedly ranges from good to excellent, thanks to favorable weather. Italian pistachio production remains concentrated almost exclusively on the slopes of Mount Etna, with a few orchards in southern Sicily.

Despite fluctuations in pistachio production, Italy's domestic consumption of pistachios continues robust. Competitively-priced Iranian pistachios account for much of the increased consumption.

Strong competition from Iran in world markets is affecting domestic pistachio prices, which growers now consider at unprofitable levels. In August 1995, inshell pistachios were valued around 4,500 lire (US \$2.83) per kilogram, while prices of shelled pistachios were about 11,000 lire (US \$6.92) per kilogram, c.i.f. northern European destinations. These prices are about 10 percent less than last year and reflect the poor quality of the nuts.

Italy depends heavily on imports, mainly inshell pistachios directly from Iran or transshipped through Germany.

## **Syria**

Pistachio production in 1995/96 is forecast at 18,000 tons, up 3,000 tons from last season's revised estimate of 15,000 tons. Inadequate rainfall and high temperatures limited the crop. Consequently, the increase mainly reflects additional trees entering into production. Total

bearing tree numbers for 1995/96 are estimated at 3.5 million, up from 2.7 million in 1994/95, with another 6.5 million still maturing.

Syria's Ministry of Agriculture and Agrarian Reform encourages pistachio production by selling seedlings at nominal prices. Pistachios are grown in areas that are usually not suitable for other field crops and, frequently, are interplanted with figs, olives, and grape vines. Nevertheless, the 12 to 15 years necessary for pistachios trees to mature discourages interest in the crop.

A significant part of the crop is consumed as "green" pistachios during the harvest season. Harvesting starts in early August. Wholesale prices of shelled pistachios, which are mainly used in production of Arabic candies and ice cream, ranged from 425 Syrian Pounds (US \$8.50) to 475 SP (US \$9.50) per kilogram.

International trade in pistachios is significant. Imports far exceeded exports and were 27 percent of total supply in 1994/95, though Syria officially prohibits imports of inshell pistachios. Syria depends principally on Iran and Turkey for shelled pistachios, which reportedly are subject to a 50-percent duty. At 17 percent of 1994/95 output, most Syrian exports are "green" pistachios.

## **Turkey**

Pistachio production for 1995/96 is forecast at 35,000 tons, up 17 percent from 1994/95, but 30 percent below the record crop harvested in 1993/94. The disappointing crop was precipitated by cold weather during the bloom in March and April and hail damage in April and May.

International trade is becoming more important for Turkey. Exports, which reached 10 percent of 1994/95 production, surpass imports considerably. In 1994/95, Syria purchased 40

percent of Turkey's pistachio exports. The EU accounted for 15 percent. Lebanon provided 8 percent of Turkey's export market. Saudi Arabia generated 5 percent of export sales with both Jordan and Switzerland at 4 percent.

(For further information on supply, distribution, and trade, contact William Janis at 202-720-0897. For further information on U.S. marketing opportunities, contact Stacey Peckins at 202-720-5330. For further information on production, contact Kelly Kirby Strzelecki at 202-720-6791.)

**PISTACHIOS: PRODUCTION, SUPPLY & DISTRIBUTION**  
**(Metric Tons, Inshell Basis)**  
**Marketing Years 1993/94-1995/96 <sup>1/</sup>**

| Country/<br>Marketing Year            | Beginning<br>Stocks | Production | Imports <sup>2/</sup> | Total<br>Supply | Exports <sup>2/</sup> | Domestic<br>Consumption | Ending<br>Stocks | Total<br>Distribution |
|---------------------------------------|---------------------|------------|-----------------------|-----------------|-----------------------|-------------------------|------------------|-----------------------|
| <b>Greece</b>                         |                     |            |                       |                 |                       |                         |                  |                       |
| 1993/94                               | 3,189               | 4,100      | 1,100                 | 8,389           | 400                   | 4,800                   | 3,189            | 8,389                 |
| 1994/95                               | 3,189               | 4,200      | 1,000                 | 8,389           | 400                   | 5,100                   | 2,889            | 8,389                 |
| 1995/96 <sup>F</sup>                  | 2,889               | 4,000      | 1,000                 | 7,889           | 400                   | 5,100                   | 2,389            | 7,889                 |
| <b>Italy</b>                          |                     |            |                       |                 |                       |                         |                  |                       |
| 1993/94                               | 450                 | 4,000      | 11,363                | 15,813          | 1,826                 | 10,487                  | 3,500            | 15,813                |
| 1994/95                               | 3,500               | 300        | 15,000                | 18,800          | 3,300                 | 14,000                  | 1,500            | 18,800                |
| 1995/96 <sup>F</sup>                  | 1,500               | 3,500      | 16,000                | 21,000          | 4,000                 | 15,000                  | 2,000            | 21,000                |
| <b>Syria</b>                          |                     |            |                       |                 |                       |                         |                  |                       |
| 1993/94                               | 800                 | 13,700     | 5,000                 | 19,500          | 2,000                 | 16,000                  | 1,500            | 19,500                |
| 1994/95                               | 1,500               | 15,000     | 6,000                 | 22,500          | 2,500                 | 18,000                  | 2,000            | 22,500                |
| 1995/96 <sup>F</sup>                  | 2,000               | 18,000     | 5,000                 | 25,000          | 3,000                 | 17,000                  | 5,000            | 25,000                |
| <b>Turkey</b>                         |                     |            |                       |                 |                       |                         |                  |                       |
| 1993/94                               | 7,000               | 50,000     | 113                   | 57,113          | 864                   | 34,249                  | 22,000           | 57,113                |
| 1994/95                               | 22,000              | 30,000     | 200                   | 52,200          | 3,000                 | 36,200                  | 13,000           | 52,200                |
| 1995/96 <sup>F</sup>                  | 13,000              | 35,000     | 300                   | 48,300          | 2,000                 | 35,300                  | 11,000           | 48,300                |
| <b>United States <sup>3/ 4/</sup></b> |                     |            |                       |                 |                       |                         |                  |                       |
| 1993/94                               | 17,889              | 68,900     | 654                   | 87,443          | 24,664                | 34,395                  | 28,385           | 87,443                |
| 1994/95                               | 28,385              | 58,513     | 890                   | 87,788          | 28,788                | 42,089                  | 16,911           | 87,788                |
| 1995/96 <sup>F</sup>                  | 16,900              | 66,224     | 800                   | 83,924          | 30,000                | 40,424                  | 13,500           | 83,924                |
| <b>TOTAL</b>                          |                     |            |                       |                 |                       |                         |                  |                       |
| 1993/94                               | 29,328              | 140,700    | 18,230                | 188,258         | 29,754                | 99,931                  | 58,574           | 188,258               |
| 1994/95                               | 58,574              | 108,013    | 23,090                | 189,677         | 37,988                | 115,389                 | 36,300           | 189,677               |
| 1995/96 <sup>F</sup>                  | 36,289              | 126,724    | 23,100                | 186,113         | 39,400                | 112,824                 | 33,889           | 186,113               |

<sup>1/</sup> Marketing Years: September-October for Greece and Italy; October-November for Turkey; September-August for Syria and the United States.

<sup>2/</sup> Bureau of the Census publishes the U.S. import and export data with 1995/96 forecasts by USDA/Foreign Agricultural Service.

<sup>3/</sup> U.S. production data comes from the USDA/National Agricultural Statistics Service.

<sup>4/</sup> The import shelling ratio of 0.35 for U.S. imports is from the USDA/Economic Research Service and applies to all years. U.S. export shelling ratios of 0.3982 and 0.4346 for 1993/94 and 1994/95, respectively, originate from calculations of data on pages 63 and 64 of USDA/NASS publication, Noncitrus Fruits and Nuts: 1995 Preliminary Summary.

U.S. EXPORTS OF SELECTED COMMODITIES BY DESTINATION  
MARKETING YEAR BEGINNING AS INDICATED  
OCT 95

| COMMODITY AND COUNTRY | QUANTITY       |        |           |         |           |         |         |         |         |           | VALUE (1,000 DOLLARS) |         |           |       |        |        |         |           |  |  |  |
|-----------------------|----------------|--------|-----------|---------|-----------|---------|---------|---------|---------|-----------|-----------------------|---------|-----------|-------|--------|--------|---------|-----------|--|--|--|
|                       | COUNTRY REGION |        | CURR LAST | MO YR   | CURR LAST | MO YR   | YR TOT  | YR TDT  | CURR YR | LAST YEAR | CURR LAST             | MO YR   | CURR LAST | MO YR | YR TOT | YR TDT | CURR YR | LAST YEAR |  |  |  |
| FRESH FRUIT           |                |        |           |         |           |         |         |         |         |           |                       |         |           |       |        |        |         |           |  |  |  |
| FR APPLES (JUL)       | MT             |        |           |         |           |         |         |         |         |           |                       |         |           |       |        |        |         |           |  |  |  |
| TAIWAN                | 17             | 891    | 21,854    | 43      | 266       | 35,090  | 115,342 | 14,209  | 15,012  | 33,201    | 24,420                | 87,403  |           |       |        |        |         |           |  |  |  |
| MEXICO                |                | 163    | 974       | 27      | 335       | 16,996  | 87,269  | 85      | 502     | 15,699    | 8,846                 | 48,541  |           |       |        |        |         |           |  |  |  |
| CANADA                | 7              | 577    | 6,909     | 29      | 782       | 27,659  | 80,941  | 4       | 627     | 4,506     | 20,337                | 21,033  | 57,839    |       |        |        |         |           |  |  |  |
| HONG KONG             | 6              | 534    | 2,928     | 22      | 142       | 18,276  | 74,782  | 3,792   | 1,784   | 12,660    | 11,222                | 42,447  |           |       |        |        |         |           |  |  |  |
| EU_15                 | 3              | 273    | 2,085     | 9       | 468       | 6,376   | 52,609  | 1,798   | 1,213   | 5,140     | 3,797                 | 26,280  |           |       |        |        |         |           |  |  |  |
| INDONESIA             | 2              | 206    | 4,103     | 11      | 781       | 16,031  | 43,268  | 1,234   | 2,712   | 6,698     | 10,419                | 25,653  |           |       |        |        |         |           |  |  |  |
| OTHER                 | 43             | 362    | 19,671    | 74      | 730       | 40,812  | 243,618 | 20,348  | 11,567  | 38,513    | 25,791                | 134,915 |           |       |        |        |         |           |  |  |  |
| Subtotal:-----        |                | 81,006 | 58,523    | 218     | 503       | 161,240 | 697,829 | 46,093  | 37,297  | 132,249   | 105,529               | 423,079 |           |       |        |        |         |           |  |  |  |
| FR PEAR (JUL)         | MT             |        |           |         |           |         |         |         |         |           |                       |         |           |       |        |        |         |           |  |  |  |
| MEXICO                | 6              | 877    | 2,095     | 20      | 439       | 6,864   | 46,838  | 3,105   | 1,067   | 9,159     | 3,555                 | 22,124  |           |       |        |        |         |           |  |  |  |
| CANADA                | 6              | 990    | 7,544     | 20      | 879       | 20,228  | 43,892  | 3,934   | 4,841   | 11,639    | 13,683                | 27,391  |           |       |        |        |         |           |  |  |  |
| EU_15                 | 376            | 867    | 755       |         |           | 1,061   | 9,096   | 177     | 368     | 400       |                       | 481     | 3,585     |       |        |        |         |           |  |  |  |
| BRAZIL                | 3,753          | 5,350  | 4,101     |         |           | 8,157   | 8,882   | 1,619   | 2,489   | 1,932     | 3,882                 | 4,031   |           |       |        |        |         |           |  |  |  |
| TAIWAN                | 910            | 1,473  | 1,389     |         |           | 2,472   | 8,547   | 520     | 919     | 880       | 1,502                 | 5,169   |           |       |        |        |         |           |  |  |  |
| OTHER                 | 3              | 424    | 3,882     | 5       | 627       | 6,476   | 17,519  | 2,028   | 2,185   | 3,284     | 3,906                 | 9,997   |           |       |        |        |         |           |  |  |  |
| Subtotal:-----        |                | 22     | 329       | 21,210  | 53        | 190     | 45,258  | 134,774 | 11,383  | 11,868    | 27,293                | 27,009  | 72,297    |       |        |        |         |           |  |  |  |
| APRICOTS (MAY)        | MT             |        |           |         |           |         |         |         |         |           |                       |         |           |       |        |        |         |           |  |  |  |
| MEXICO                | 0              | 15     | 3,526     |         |           | 324     | 3,718   | 0       | 19      | 2,477     | 289                   | 2,596   |           |       |        |        |         |           |  |  |  |
| CANADA                | 0              | 70     | 3,049     |         |           | 2,574   | 3,145   | 0       | 80      | 3,185     | 3,503                 | 3,301   |           |       |        |        |         |           |  |  |  |
| OTHER                 | 17             | 235    | 866       |         |           | 1,005   | 1,010   | 16      | 184     | 1,790     | 2,006                 | 1,929   |           |       |        |        |         |           |  |  |  |
| Subtotal:-----        |                | 17     | 320       | 7       | 441       | 3,903   | 7,873   | 16      | 284     | 7,452     | 5,798                 | 7,827   |           |       |        |        |         |           |  |  |  |
| FR CHERRIES (MAY)     | MT             |        |           |         |           |         |         |         |         |           |                       |         |           |       |        |        |         |           |  |  |  |
| JAPAN                 | 0              | 0      | 15,551    |         |           | 17,170  | 15,597  | 0       | 0       | 92,520    | 110,553               | 92,582  |           |       |        |        |         |           |  |  |  |
| CANADA                | 2              | 12     | 6,252     |         |           | 3,388   | 6,379   | 5       | 10      | 13,128    | 8,571                 | 13,357  |           |       |        |        |         |           |  |  |  |
| EU_15                 | 130            | 763    | 3,841     |         |           | 5,255   | 5,086   | 86      | 618     | 10,857    | 9,256                 | 11,880  |           |       |        |        |         |           |  |  |  |
| TAIWAN                | 0              | 0      | 3,002     |         |           | 2,098   | 3,056   | 0       | 0       | 8,129     | 6,325                 | 8,328   |           |       |        |        |         |           |  |  |  |
| UNITED KINGDOM        | 5              | 0      | 2,206     |         |           | 1,112   | 2,245   | 3       | 0       | 7,784     | 4,669                 | 7,817   |           |       |        |        |         |           |  |  |  |
| OTHER                 | 0              | 31     | 1,912     |         |           | 1,551   | 1,921   | 0       | 73      | 5,779     | 4,123                 | 5,825   |           |       |        |        |         |           |  |  |  |
| Subtotal:-----        |                | 131    | 806       | 30,558  |           |         | 29,462  | 32,039  | 90      | 701       | 130,413               | 138,827 | 131,972   |       |        |        |         |           |  |  |  |
| PEACH-NECTRN (MAY)    | MT             |        |           |         |           |         |         |         |         |           |                       |         |           |       |        |        |         |           |  |  |  |
| CANADA                | 237            | 176    | 47,013    |         |           | 39,206  | 48,567  | 252     | 232     | 38,767    | 40,957                | 40,639  |           |       |        |        |         |           |  |  |  |
| MEXICO                | 1,730          | 561    | 16,171    |         |           | 11,674  | 16,203  | 891     | 349     | 6,832     | 5,159                 | 6,851   |           |       |        |        |         |           |  |  |  |
| TAIWAN                | 59             | 0      | 12,430    |         |           | 9,818   | 12,462  | 108     | 0       | 13,503    | 11,033                | 13,530  |           |       |        |        |         |           |  |  |  |
| OTHER                 | 281            | 300    | 6,884     |         |           | 4,357   | 7,176   | 259     | 283     | 5,240     | 3,719                 | 5,480   |           |       |        |        |         |           |  |  |  |
| Subtotal:-----        |                | 2,307  | 1,037     | 82,488  |           |         | 65,055  | 84,399  | 1,511   | 864       | 64,337                | 60,868  | 66,494    |       |        |        |         |           |  |  |  |
| PLUM-PRUNES (MAY)     | MT             |        |           |         |           |         |         |         |         |           |                       |         |           |       |        |        |         |           |  |  |  |
| TAIWAN                | 414            | 261    | 25,378    |         |           | 13,885  | 25,396  | 449     | 291     | 22,137    | 14,979                | 22,161  |           |       |        |        |         |           |  |  |  |
| CANADA                | 347            | 480    | 23,856    |         |           | 13,588  | 24,565  | 357     | 645     | 18,240    | 19,517                | 19,218  |           |       |        |        |         |           |  |  |  |
| HONG KONG             | 47             | 206    | 8,852     |         |           | 5,427   | 8,863   | 71      | 244     | 7,300     | 6,088                 | 7,323   |           |       |        |        |         |           |  |  |  |
| OTHER                 | 2,305          | 714    | 11,485    |         |           | 4,289   | 12,537  | 1,761   | 537     | 8,610     | 4,666                 | 9,786   |           |       |        |        |         |           |  |  |  |
| Subtotal:-----        |                | 3,114  | 1,661     | 69,571  |           |         | 37,189  | 71,360  | 2,638   | 1,716     | 56,286                | 45,249  | 58,487    |       |        |        |         |           |  |  |  |
| FR AVOCADO (OCT)      | MT             |        |           |         |           |         |         |         |         |           |                       |         |           |       |        |        |         |           |  |  |  |
| EU_15                 | 419            | 1,327  | 419       |         |           | 1,327   | 8,266   | 301     | 844     | 301       | 844                   | 7,016   |           |       |        |        |         |           |  |  |  |
| FRANCE                | 135            | 99     | 135       |         |           | 99      | 5,243   | 89      | 58      | 89        | 58                    | 4,300   |           |       |        |        |         |           |  |  |  |
| JAPAN                 | 66             | 65     | 66        |         |           | 65      | 2,086   | 93      | 78      | 93        | 78                    | 3,960   |           |       |        |        |         |           |  |  |  |
| CANADA                | 187            | 171    | 187       |         |           | 171     | 1,958   | 154     | 172     | 154       | 172                   | 1,969   |           |       |        |        |         |           |  |  |  |
| NETHERLANDS           | 191            | 941    | 191       |         |           | 941     | 1,303   | 148     | 600     | 148       | 600                   | 1,166   |           |       |        |        |         |           |  |  |  |
| UNITED KINGDOM        | 55             | 187    | 55        |         |           | 187     | 1,228   | 35      | 131     | 35        | 131                   | 1,180   |           |       |        |        |         |           |  |  |  |
| OTHER                 | 2              | 0      | 2         |         |           | 0       | 181     | 3       | 0       | 3         | 0                     | 284     |           |       |        |        |         |           |  |  |  |
| Subtotal:-----        |                | 674    | 1,563     | 674     |           |         | 1,563   | 12,490  | 551     | 1,094     | 551                   | 1,094   | 13,229    |       |        |        |         |           |  |  |  |
| FR KIWIFRUIT (OCT)    | MT             |        |           |         |           |         |         |         |         |           |                       |         |           |       |        |        |         |           |  |  |  |
| CANADA                | 333            | 92     | 333       |         |           | 92      | 4,021   | 405     | 124     | 405       | 124                   | 4,885   |           |       |        |        |         |           |  |  |  |
| KOREA, REPUBLIC       | 39             | 54     | 39        |         |           | 54      | 2,659   | 67      | 106     | 67        | 106                   | 4,282   |           |       |        |        |         |           |  |  |  |
| TAIWAN                | 6              | 15     | 6         |         |           | 15      | 1,395   | 12      | 25      | 12        | 25                    | 2,140   |           |       |        |        |         |           |  |  |  |
| OTHER                 | 5              | 14     | 5         |         |           | 14      | 1,430   | 9       | 11      | 9         | 11                    | 1,778   |           |       |        |        |         |           |  |  |  |
| Subtotal:-----        |                | 383    | 175       | 383     |           |         | 175     | 9,505   | 492     | 265       | 492                   | 265     | 13,084    |       |        |        |         |           |  |  |  |
| FRESH GRAPES (MAY)    | MT             |        |           |         |           |         |         |         |         |           |                       |         |           |       |        |        |         |           |  |  |  |
| CANADA                | 18,070         | 19,549 | 89,520    |         |           | 87,133  | 101,631 | 18,540  | 19,816  | 93,689    | 95,991                | 112,109 |           |       |        |        |         |           |  |  |  |
| MEXICO                | 5,715          | 2,367  | 12,192    |         |           | 4,600   | 22,589  | 4,779   | 2,216   | 10,035    | 3,967                 | 19,218  |           |       |        |        |         |           |  |  |  |
| HONG KONG             | 4,588          | 5,773  | 17,506    |         |           | 18,706  | 21,192  | 5,379   | 7,163   | 20,555    | 25,337                | 25,353  |           |       |        |        |         |           |  |  |  |
| TAIWAN                | 4,289          | 3,535  | 12,530    |         |           | 9,536   | 14,731  | 5,980   | 4,374   | 18,088    | 12,274                | 20,876  |           |       |        |        |         |           |  |  |  |
| OTHER                 | 12,717         | 11,311 | 34,036    |         |           | 32,648  | 54,961  | 18,302  | 15,604  | 46,043    | 45,890                | 74,266  |           |       |        |        |         |           |  |  |  |
| Subtotal:-----        |                | 45,378 | 42,535    | 165,784 |           |         | 152,622 | 215,105 | 52,981  | 49,173    | 188,411               | 183,458 | 251,822   |       |        |        |         |           |  |  |  |
| FR STRAWBERRIES (JAN) | MT             |        |           |         |           |         |         |         |         |           |                       |         |           |       |        |        |         |           |  |  |  |
| CANADA                | 1,314          | 1,999  | 38,007    |         |           | 36,204  | 38,873  | 2,309   | 2,359   | 50,057    | 48,548                | 52,089  |           |       |        |        |         |           |  |  |  |
| MEXICO                | 736            | 688    | 6,668     |         |           | 3,002   | 6,816   | 8       |         |           |                       |         |           |       |        |        |         |           |  |  |  |

U.S. EXPORTS OF SELECTED COMMODITIES BY DESTINATION  
MARKETING YEAR BEGINNING AS INDICATED  
OCT 95

| COMMODITY AND COUNTRY | QUANTITY       |        |           |       |           |       |         |        |         |      |        |      | VALUE (1,000 DOLLARS) |        |         |      |         |
|-----------------------|----------------|--------|-----------|-------|-----------|-------|---------|--------|---------|------|--------|------|-----------------------|--------|---------|------|---------|
|                       | COUNTRY REGION |        | CURR LAST | MO YR | CURR LAST | MO YR | YR TDT  | YR TDT | LA5T    | CURR | MO     | CURR | MO                    | YR TDT | YR TDT  | LA5T |         |
| <b>CANNED FRUIT</b>   |                |        |           |       |           |       |         |        |         |      |        |      |                       |        |         |      |         |
| CND PEACH&NECT (JUN)  | MT             |        |           |       |           |       |         |        |         |      |        |      |                       |        |         |      |         |
| JAPAN                 |                | 278    | 366       |       | 1,711     |       | 1,723   |        | 4,595   |      | 286    |      | 391                   |        | 1,958   |      | 1,837   |
| CANADA                |                | 183    | 520       |       | 1,213     |       | 2,239   |        | 3,908   |      | 209    |      | 433                   |        | 1,359   |      | 2,019   |
| KOREA, REPUBLIC       |                | 195    | 425       |       | 538       |       | 1,280   |        | 2,314   |      | 204    |      | 330                   |        | 531     |      | 1,035   |
| TAIWAN                |                | 87     | 25        |       | 673       |       | 969     |        | 1,259   |      | 78     |      | 30                    |        | 586     |      | 873     |
| SINGAPORE             |                | 189    | 11        |       | 477       |       | 494     |        | 1,164   |      | 232    |      | 13                    |        | 563     |      | 458     |
| PHILIPPINES           |                | 358    | 44        |       | 701       |       | 108     |        | 1,018   |      | 208    |      | 35                    |        | 494     |      | 103     |
| OTHER                 |                | 485    | 471       |       | 2,165     |       | 2,897   |        | 4,511   |      | 411    |      | 458                   |        | 1,892   |      | 2,685   |
| Subtotal:-----        |                | 1,776  | 1,862     |       | 7,477     |       | 9,709   |        | 18,769  |      | 1,627  |      | 1,690                 |        | 7,384   |      | 9,011   |
| CND PEAR5 (JUN)       | MT             |        |           |       |           |       |         |        |         |      |        |      |                       |        |         |      | 17,524  |
| CANADA                |                | 138    | 968       |       | 773       |       | 1,852   |        | 2,795   |      | 147    |      | 872                   |        | 764     |      | 1,618   |
| UNITED ARAB EMIR      |                | 99     | 0         |       | 116       |       | 66      |        | 555     |      | 54     |      | 0                     |        | 68      |      | 323     |
| JAPAN                 |                | 42     | 78        |       | 176       |       | 304     |        | 485     |      | 41     |      | 74                    |        | 197     |      | 303     |
| EU_15                 |                | 3      | 1         |       | 63        |       | 62      |        | 289     |      | 4      |      | 5                     |        | 51      |      | 59      |
| OTHER                 |                | 45     | 43        |       | 229       |       | 155     |        | 596     |      | 39     |      | 33                    |        | 211     |      | 128     |
| Subtotal:-----        |                | 326    | 1,090     |       | 1,357     |       | 2,439   |        | 4,720   |      | 285    |      | 984                   |        | 1,291   |      | 2,178   |
| CND PNEAPL (JAN)      | MT             |        |           |       |           |       |         |        |         |      |        |      |                       |        |         |      | 4,204   |
| JAPAN                 |                | 99     | 125       |       | 946       |       | 978     |        | 985     |      | 90     |      | 108                   |        | 885     |      | 929     |
| CANADA                |                | 81     | 110       |       | 792       |       | 831     |        | 947     |      | 79     |      | 114                   |        | 734     |      | 836     |
| EU_15                 |                | 13     | 75        |       | 516       |       | 779     |        | 756     |      | 5      |      | 48                    |        | 450     |      | 600     |
| MEXICO                |                | 58     | 40        |       | 414       |       | 117     |        | 522     |      | 29     |      | 30                    |        | 278     |      | 361     |
| GERMANY               |                | 13     | 75        |       | 260       |       | 619     |        | 420     |      | 5      |      | 48                    |        | 214     |      | 335     |
| RUSSIAN FEDERATI      |                | 53     | 0         |       | 153       |       | 17      |        | 302     |      | 30     |      | 0                     |        | 85      |      | 204     |
| OTHER                 |                | 14     | 24        |       | 223       |       | 435     |        | 268     |      | 6      |      | 20                    |        | 217     |      | 257     |
| Subtotal:-----        |                | 317    | 375       |       | 3,045     |       | 3,157   |        | 3,779   |      | 239    |      | 321                   |        | 2,650   |      | 2,886   |
| FRT MIXTURES (JUN)    | MT             |        |           |       |           |       |         |        |         |      |        |      |                       |        |         |      | 3,292   |
| CANADA                |                | 351    | 645       |       | 1,794     |       | 2,191   |        | 5,635   |      | 446    |      | 783                   |        | 2,252   |      | 2,833   |
| JAPAN                 |                | 373    | 271       |       | 2,211     |       | 1,547   |        | 5,612   |      | 460    |      | 300                   |        | 2,594   |      | 1,864   |
| SINGAPORE             |                | 495    | 692       |       | 1,747     |       | 1,839   |        | 4,476   |      | 545    |      | 796                   |        | 1,839   |      | 2,066   |
| HONG KONG             |                | 143    | 245       |       | 1,743     |       | 1,490   |        | 3,915   |      | 154    |      | 262                   |        | 1,846   |      | 1,686   |
| PHILIPPINES           |                | 378    | 665       |       | 701       |       | 1,923   |        | 2,801   |      | 389    |      | 752                   |        | 691     |      | 2,306   |
| OTHER                 |                | 669    | 554       |       | 3,064     |       | 2,543   |        | 6,837   |      | 742    |      | 627                   |        | 3,554   |      | 3,020   |
| Subtotal:-----        |                | 2,409  | 3,073     |       | 11,260    |       | 11,532  |        | 29,277  |      | 2,737  |      | 3,521                 |        | 12,777  |      | 13,776  |
| DRYED FRUIT           |                |        |           |       |           |       |         |        |         |      |        |      |                       |        |         |      | 34,103  |
| DRD RAISINS (AUG)     | MT             |        |           |       |           |       |         |        |         |      |        |      |                       |        |         |      |         |
| EU_15                 |                | 6,859  | 7,112     |       | 19,745    |       | 20,361  |        | 57,471  |      | 10,653 |      | 11,530                |        | 31,452  |      | 31,610  |
| UNITED KINGDOM        |                | 3,071  | 3,408     |       | 9,302     |       | 10,007  |        | 27,824  |      | 4,826  |      | 5,310                 |        | 13,444  |      | 14,983  |
| JAPAN                 |                | 1,805  | 1,757     |       | 5,841     |       | 6,480   |        | 24,527  |      | 2,667  |      | 2,534                 |        | 8,080   |      | 10,171  |
| CANADA                |                | 1,333  | 1,258     |       | 3,975     |       | 3,794   |        | 10,946  |      | 2,650  |      | 2,491                 |        | 8,543   |      | 7,894   |
| GERMANY               |                | 1,047  | 991       |       | 2,231     |       | 3,007   |        | 8,184   |      | 1,278  |      | 1,482                 |        | 3,236   |      | 4,338   |
| OTHER                 |                | 3,506  | 3,545     |       | 7,729     |       | 8,085   |        | 27,927  |      | 5,768  |      | 6,420                 |        | 12,541  |      | 14,184  |
| Subtotal:-----        |                | 13,504 | 13,671    |       | 37,290    |       | 38,718  |        | 120,871 |      | 21,738 |      | 22,976                |        | 60,616  |      | 63,859  |
| DRD PRUNES (AUG)      | MT             |        |           |       |           |       |         |        |         |      |        |      |                       |        |         |      | 194,093 |
| EU_15                 |                | 3,728  | 5,067     |       | 10,012    |       | 10,605  |        | 33,645  |      | 9,114  |      | 11,920                |        | 24,485  |      | 25,237  |
| JAPAN                 |                | 1,336  | 1,315     |       | 3,191     |       | 3,859   |        | 13,614  |      | 3,124  |      | 2,627                 |        | 7,257   |      | 8,705   |
| GERMANY               |                | 989    | 1,512     |       | 3,055     |       | 3,112   |        | 10,549  |      | 2,474  |      | 3,765                 |        | 6,951   |      | 7,298   |
| ITALY                 |                | 724    | 1,270     |       | 1,697     |       | 2,280   |        | 6,521   |      | 1,862  |      | 2,837                 |        | 4,530   |      | 5,325   |
| UNITED KINGDOM        |                | 366    | 436       |       | 950       |       | 1,049   |        | 4,943   |      | 779    |      | 916                   |        | 1,903   |      | 2,314   |
| CANADA                |                | 478    | 293       |       | 1,203     |       | 979     |        | 4,320   |      | 1,178  |      | 761                   |        | 2,802   |      | 2,444   |
| OTHER                 |                | 1,406  | 1,254     |       | 2,443     |       | 2,810   |        | 8,235   |      | 2,970  |      | 2,705                 |        | 5,159   |      | 6,086   |
| Subtotal:-----        |                | 6,948  | 7,929     |       | 16,850    |       | 18,253  |        | 59,815  |      | 16,386 |      | 18,013                |        | 39,703  |      | 42,471  |
| FRUIT JUICES (SSE)    |                |        |           |       |           |       |         |        |         |      |        |      |                       |        |         |      | 140,933 |
| ORNG JU CNC (DEC)     | KL             |        |           |       |           |       |         |        |         |      |        |      |                       |        |         |      |         |
| EU_15                 |                | 7,124  | 6,609     |       | 88,416    |       | 143,508 |        | 91,091  |      | 2,793  |      | 2,323                 |        | 35,016  |      | 57,708  |
| JAPAN                 |                | 1,546  | 3,775     |       | 68,674    |       | 17,133  |        | 69,389  |      | 1,128  |      | 1,389                 |        | 27,704  |      | 11,567  |
| FRANCE                |                | 3,302  | 2,599     |       | 38,266    |       | 40,084  |        | 38,676  |      | 1,059  |      | 836                   |        | 13,727  |      | 13,792  |
| CANADA                |                | 2,666  | 3,086     |       | 30,856    |       | 29,818  |        | 33,030  |      | 3,851  |      | 4,706                 |        | 47,366  |      | 49,742  |
| KOREA, REPUBLIC       |                | 415    | 76        |       | 20,583    |       | 18,038  |        | 24,619  |      | 282    |      | 33                    |        | 13,713  |      | 10,454  |
| NETHERLANDS           |                | 2,204  | 1,971     |       | 20,916    |       | 64,220  |        | 21,706  |      | 1,221  |      | 814                   |        | 8,562   |      | 29,391  |
| OTHER                 |                | 2,610  | 6,071     |       | 41,330    |       | 66,200  |        | 46,673  |      | 1,193  |      | 2,218                 |        | 16,994  |      | 28,200  |
| Subtotal:-----        |                | 14,361 | 19,618    |       | 249,860   |       | 274,698 |        | 264,801 |      | 9,247  |      | 10,669                |        | 140,792 |      | 157,671 |
| ORNG JU NTNC (DEC)    | KL             |        |           |       |           |       |         |        |         |      |        |      |                       |        |         |      | 149,855 |
| CANADA                |                | 6,452  | 8,805     |       | 59,447    |       | 82,685  |        | 65,910  |      | 4,539  |      | 6,426                 |        | 39,120  |      | 59,817  |
| EU_15                 |                | 4,747  | 79        |       | 48,413    |       | 40,343  |        | 52,654  |      | 2,792  |      | 70                    |        | 30,553  |      | 22,664  |
| BELGIUM-LUXEMBOU      |                | 3,316  | 0         |       | 27,939    |       | 23,918  |        | 30,665  |      | 1,958  |      | 0                     |        | 17,387  |      | 13,154  |
| UNITED KINGDOM        |                | 1,208  | 61        |       | 11,696    |       | 10,916  |        | 13,138  |      | 648    |      | 55                    |        | 6,737   |      | 6,470   |
| OTHER                 |                | 1,657  | 2,225     |       | 19,142    |       | 20,458  |        | 21,381  |      | 1,231  |      | 1,659                 |        | 14,525  |      | 14,998  |
| Subtotal:-----        |                | 12,856 | 11,109    |       | 127,002   |       | 143,486 |        | 139,946 |      | 8,561  |      | 8,156                 |        | 84,199  |      | 92,479  |
| GRPFRT JU CNC (DEC)   | KL             |        |           |       |           |       |         |        |         |      |        |      |                       |        |         |      |         |
| JAPAN                 |                | 857    | 1,278     |       | 16,214    |       | 13,900  |        | 17,232  |      | 1,260  |      | 1,024                 |        | 20,083  |      | 13,859  |
| EU_15                 |                | 2,046  | 805       |       | 15,414    |       | 25,153  |        | 15,814  |      | 880    |      | 375                   |        | 7,164   |      | 15,433  |
| FRANCE                |                | 946    | 133       |       | 6,701     |       | 2,367   |        | 6,701   |      | 230    |      | 96                    |        | 1,922   |      | 1,538   |
| NETHERLANDS           |                | 228    | 41        |       | 3,778     |       | 15,691  |        | 3,860   |      | 347    |      | 75                    |        | 2,655   |      | 10,947  |
| CANADA                |                | 237    | 270       |       | 2,759     |       | 3,069   |        | 3,085   |      | 414    |      | 444                   |        | 4,626   |      | 5,319   |
| OTHER                 |                | 1,274  | 663       |       | 4,044     |       | 9,733   |        | 5,012   |      | 449    |      | 394                   |        | 2,049   |      | 3,833   |
| Subtotal:-----        |                |        |           |       |           |       |         |        |         |      |        |      |                       |        |         |      |         |

U.S. EXPORTS OF SELECTED COMMODITIES BY DESTINATION  
MARKETING YEAR BEGINNING AS INDICATED  
OCT 95

U.S. IMPORTS OF SELECTED HORTICULTURAL COMMODITIES BY ORIGIN  
MARKETING YEAR BEGINNING AS INDICATED  
OCT 95

| COMMODITY AND COUNTRY |                | QUANTITY  |         |           |           |           |        |         |         | VALUE (1,000 DOLLARS) |         |           |       |         |     |         |         |           |
|-----------------------|----------------|-----------|---------|-----------|-----------|-----------|--------|---------|---------|-----------------------|---------|-----------|-------|---------|-----|---------|---------|-----------|
|                       | COUNTRY REGION | CURR LA5T | MO YR   | CURR LA5T | MO YR     | YR LA5T   | TDT    | YR LA5T | TDT     | CURR LA5T             | MO YR   | CURR LA5T | MO YR | YR LA5T | TDT | YR LA5T | CURR YR | LAST YEAR |
| FR FRT & MLNS         |                |           |         |           |           |           |        |         |         |                       |         |           |       |         |     |         |         |           |
| FR APPLES (JUL)       | MT             | 0         | 0       | 4,478     | 11,332    | 39,444    | 0      | 0       | 6,293   | 15,086                | 44,187  |           |       |         |     |         |         |           |
| NEW ZEALAND           |                | 9,879     | 17,993  | 14,925    | 28,193    | 43,220    | 2,584  | 5,020   | 4,808   | 8,539                 | 17,224  |           |       |         |     |         |         |           |
| CANADA                |                | 0         | 0       | 5,508     | 9,265     | 19,167    | 0      | 0       | 4,544   | 5,396                 | 14,231  |           |       |         |     |         |         |           |
| SOUTH AFRICA, RE      |                | 6         | 10      | 204       | 354       | 24,572    | 9      | 10      | 126     | 135                   | 9,369   |           |       |         |     |         |         |           |
| OTHER                 |                | 9,885     | 18,003  | 25,115    | 49,145    | 126,404   | 2,593  | 5,030   | 15,772  | 29,157                | 85,011  |           |       |         |     |         |         |           |
| Subtotal:-----        |                |           |         |           |           |           |        |         |         |                       |         |           |       |         |     |         |         |           |
| FR PEARLS (JUL)       | MT             | 0         | 0       | 56        | 18        | 26,058    | 0      | 0       | 20      | 6                     | 9,407   |           |       |         |     |         |         |           |
| CHILE                 |                | 0         | 0       | 0         | 0         | 12,527    | 0      | 0       | 0       | 0                     | 7,282   |           |       |         |     |         |         |           |
| ARGENTINA             |                | 0         | 0       | 0         | 0         | 6,524     | 0      | 0       | 0       | 0                     | 4,122   |           |       |         |     |         |         |           |
| SOUTH AFRICA, RE      |                | 0         | 0       | 0         | 0         | 2,929     | 1,124  | 1,261   | 1,201   | 1,384                 | 5,520   |           |       |         |     |         |         |           |
| OTHER                 |                | 340       | 372     | 400       | 497       | 515       | 48,038 | 1,124   | 1,261   | 1,221                 | 1,390   | 26,332    |       |         |     |         |         |           |
| Subtotal:-----        |                | 340       | 372     | 456       | 515       | 1,233     | 29     | 0       | 32      | 9                     | 1,313   |           |       |         |     |         |         |           |
| APRICOT (MAY)         | MT             | 0         | 0       | 0         | 0         | 919       | 0      | 0       | 0       | 0                     | 651     |           |       |         |     |         |         |           |
| CHILE                 |                | 0         | 0       | 0         | 0         | 259       | 0      | 0       | 0       | 0                     | 593     |           |       |         |     |         |         |           |
| NEW ZEALAND           |                | 0         | 0       | 0         | 0         | 56        | 29     | 0       | 32      | 9                     | 69      |           |       |         |     |         |         |           |
| OTHER                 |                | 26        | 0       | 28        | 6         | 29        | 0      | 0       | 32      | 9                     | 1,313   |           |       |         |     |         |         |           |
| Subtotal:-----        |                | 26        | 0       | 28        | 6         | 1,233     | 29     | 0       | 32      | 9                     | 1,313   |           |       |         |     |         |         |           |
| PEACH-NEC(MAY)        | MT             | 0         | 0       | 0         | 0         | 49,100    | 0      | 0       | 0       | 0                     | 31,406  |           |       |         |     |         |         |           |
| CHILE                 |                | 0         | 0       | 0         | 0         | 232       | 368    | 0       | 6       | 155                   | 221     | 356       |       |         |     |         |         |           |
| OTHER                 |                | 0         | 8       | 187       | 232       | 49,468    | 0      | 6       | 155     | 221                   | 31,762  |           |       |         |     |         |         |           |
| Subtotal:-----        |                | 0         | 8       | 187       | 232       | 1,233     | 29     | 0       | 32      | 9                     | 31,762  |           |       |         |     |         |         |           |
| PLUM-PRUNE(MAY)       | MT             | 0         | 0       | 99        | 2         | 23,124    | 0      | 0       | 60      | 6                     | 15,369  |           |       |         |     |         |         |           |
| CHILE                 |                | 0         | 0       | 99        | 2         | 132       | 291    | 34      | 97      | 162                   | 202     | 420       |       |         |     |         |         |           |
| OTHER                 |                | 39        | 61      | 134       | 135       | 23,414    | 34     | 97      | 222     | 209                   | 15,789  |           |       |         |     |         |         |           |
| Subtotal:-----        |                | 39        | 61      | 233       | 135       | 326,160   | 80     | 370     | 50,121  | 84,716                | 270,818 |           |       |         |     |         |         |           |
| FRESH GRAPES (MAY)    | MT             | 0         | 0       | 4,201     | 1,600     | 280,758   | 0      | 0       | 3,305   | 1,201                 | 217,136 |           |       |         |     |         |         |           |
| CHILE                 |                | 2         | 0       | 41,042    | 80,492    | 41,048    | 3      | 0       | 46,567  | 82,696                | 46,576  |           |       |         |     |         |         |           |
| MEXICO                |                | 94        | 274     | 801       | 1,658     | 4,354     | 77     | 370     | 249     | 819                   | 7,106   |           |       |         |     |         |         |           |
| OTHER                 |                | 96        | 274     | 46,043    | 83,750    | 326,160   | 80     | 370     | 50,121  | 84,716                | 270,818 |           |       |         |     |         |         |           |
| Subtotal:-----        |                | 96        | 274     | 46,043    | 83,750    | 1,233     | 29     | 0       | 32      | 9                     | 31,762  |           |       |         |     |         |         |           |
| FR RA5PBRY (JAN)      | MT             | 0         | 0       | 6,176     | 6,362     | 6,176     | 0      | 3       | 13,062  | 11,568                | 13,062  |           |       |         |     |         |         |           |
| CANADA                |                | 29        | 63      | 829       | 1,200     | 1,253     | 144    | 398     | 1,554   | 4,092                 | 2,881   |           |       |         |     |         |         |           |
| OTHER                 |                | 29        | 64      | 7,005     | 7,562     | 7,429     | 144    | 401     | 14,615  | 15,659                | 15,943  |           |       |         |     |         |         |           |
| Subtotal:-----        |                | 29        | 64      | 7,005     | 7,562     | 1,233     | 29     | 0       | 32      | 9                     | 31,762  |           |       |         |     |         |         |           |
| FR 5STRAWBRY (JAN)    | MT             | 16        | 1       | 17,893    | 24,818    | 18,950    | 26     | 1       | 30,454  | 42,113                | 31,945  |           |       |         |     |         |         |           |
| MEXICO                |                | 21        | 13      | 172       | 156       | 893       | 44     | 39      | 385     | 343                   | 2,360   |           |       |         |     |         |         |           |
| OTHER                 |                | 36        | 14      | 18,064    | 24,974    | 19,843    | 70     | 40      | 30,839  | 42,457                | 34,305  |           |       |         |     |         |         |           |
| Subtotal:-----        |                | 36        | 14      | 18,064    | 24,974    | 1,233     | 29     | 0       | 32      | 9                     | 31,762  |           |       |         |     |         |         |           |
| FR BANANA (JAN)       | MT             | 96,645    | 87,953  | 828,298   | 803,371   | 977,101   | 23,862 | 27,639  | 205,026 | 257,031               | 247,820 |           |       |         |     |         |         |           |
| COSTA RICA            |                | 67,924    | 71,939  | 661,804   | 799,019   | 785,910   | 17,361 | 19,466  | 171,430 | 220,549               | 204,154 |           |       |         |     |         |         |           |
| ECUADOR               |                | 62,233    | 42,045  | 526,959   | 387,931   | 629,509   | 18,390 | 12,537  | 156,579 | 113,472               | 186,765 |           |       |         |     |         |         |           |
| COLOMBIA              |                | 117,000   | 128,117 | 1,103,869 | 1,096,590 | 1,301,463 | 31,896 | 34,734  | 307,516 | 308,882               | 357,419 |           |       |         |     |         |         |           |
| OTHER                 |                | 343,803   | 330,054 | 3,120,929 | 3,086,910 | 3,693,983 | 91,509 | 94,375  | 840,550 | 899,933               | 996,158 |           |       |         |     |         |         |           |
| Subtotal:-----        |                | 343,803   | 330,054 | 3,120,929 | 3,086,910 | 3,693,983 | 91,509 | 94,375  | 840,550 | 899,933               | 996,158 |           |       |         |     |         |         |           |
| FR MANGO (JAN)        | MT             | 45        | 18      | 108,432   | 114,746   | 108,432   | 39     | 32      | 81,678  | 100,600               | 81,678  |           |       |         |     |         |         |           |
| MEXICO                |                | 841       | 830     | 10,740    | 23,422    | 15,163    | 1,195  | 1,448   | 10,020  | 17,452                | 15,151  |           |       |         |     |         |         |           |
| OTHER                 |                | 885       | 848     | 119,173   | 138,169   | 123,596   | 1,235  | 1,480   | 91,697  | 118,051               | 96,829  |           |       |         |     |         |         |           |
| Subtotal:-----        |                | 885       | 848     | 119,173   | 138,169   | 1,233     | 29     | 0       | 32      | 9                     | 31,762  |           |       |         |     |         |         |           |
| FR PINAPPLE (JAN)     | MT             | 7,025     | 6,444   | 69,944    | 65,101    | 82,295    | 2,268  | 2,352   | 24,200  | 23,119                | 28,637  |           |       |         |     |         |         |           |
| COSTA RICA            |                | 2,053     | 2,161   | 25,055    | 27,696    | 28,782    | 565    | 496     | 6,897   | 7,861                 | 7,927   |           |       |         |     |         |         |           |
| HONDURAS              |                | 1,892     | 727     | 15,162    | 10,909    | 16,784    | 265    | 186     | 3,155   | 2,735                 | 3,523   |           |       |         |     |         |         |           |
| OTHER                 |                | 10,970    | 9,332   | 110,162   | 103,706   | 127,861   | 3,098  | 3,035   | 34,252  | 33,715                | 40,086  |           |       |         |     |         |         |           |
| Subtotal:-----        |                | 2,321     | 2,375   | 30,191    | 42,950    | 262,255   | 706    | 779     | 9,860   | 13,967                | 77,301  |           |       |         |     |         |         |           |
| FR MELON OT(MAY)      | MT             | 4,219     | 3,783   | 17,470    | 16,029    | 44,191    | 1,610  | 1,229   | 6,263   | 5,856                 | 14,639  |           |       |         |     |         |         |           |
| MEXICO                |                | 0         | 0       | 1,014     | 970       | 26,556    | 0      | 0       | 392     | 391                   | 12,098  |           |       |         |     |         |         |           |
| COSTA RICA            |                | 122       | 96      | 1,902     | 3,839     | 50,121    | 42     | 49      | 570     | 590                   | 16,032  |           |       |         |     |         |         |           |
| OTHER                 |                | 4,341     | 3,879   | 20,387    | 20,837    | 120,868   | 1,653  | 1,278   | 7,225   | 7,237                 | 42,768  |           |       |         |     |         |         |           |
| FR ORANGES (NOV)      | MT             | 0         | 0       | 9,382     | 5,523     | 9,382     | 0      | 0       | 10,635  | 6,391                 | 10,635  |           |       |         |     |         |         |           |
| AUSTRALIA             |                | 183       | 636     | 6,849     | 12,515    | 6,849     | 40     | 42      | 212     | 2,592                 | 4,574   | 2,592     |       |         |     |         |         |           |
| OTHER                 |                | 183       | 636     | 16,234    | 18,038    | 16,234    | 40     | 40      | 212     | 13,245                | 10,967  | 13,245    |       |         |     |         |         |           |
| Subtotal:-----        |                | 183       | 636     | 16,234    | 18,038    | 1,233     | 29     | 0       | 32      | 9                     | 31,762  |           |       |         |     |         |         |           |
| CANNED FRUIT          |                |           |         |           |           |           |        |         |         |                       |         |           |       |         |     |         |         |           |
| CND MANDRN (JAN)      | MT             | 1,615     | 152     | 27,905    | 22,955    | 29,717    | 1,368  | 165     | 21,797  | 22,425                | 23,341  |           |       |         |     |         |         |           |
| EU_15                 |                | 1,615     | 151     | 27,771    | 22,946    | 29,580    | 1,368  | 157     | 21,674  | 22,397                | 23,213  |           |       |         |     |         |         |           |
| SPAIN                 |                | 1,975     | 22      | 16,252    | 10,654    | 19,914    | 1,413  | 30      | 12,152  | 9,661                 | 14,697  |           |       |         |     |         |         |           |
| CHINA, PEOPLES R      |                | 188       | 0       | 832       | 460       | 948       | 159    | 0       | 740     | 558                   | 828     |           |       |         |     |         |         |           |
| OTHER                 |                | 3,778     | 174     | 44,989    | 34,069    | 50,578    | 2,940  | 195     | 34,690  | 32,645                | 38,866  |           |       |         |     |         |         |           |
| Subtotal:-----        |                | 3,778     | 174     | 44,989    | 34,069    | 50,578    | 2,940  | 195     | 34,690  | 32,645                | 38,866  |           |       |         |     |         |         |           |
| CND BLK OLV(NOV)      | MT             | 606       | 1,008   | 12,078    | 10,964    | 12,078    | 1,325  | 2,372   | 23,739  | 24,733                | 23,739  |           |       |         |     |         |         |           |

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| COMMODITY AND COUNTRY | QUANTITY       |         |           |       |           |  |         |         |           |        |           |        | VALUE (1,000 DOLLARS) |         |  |         |            |         |
|-----------------------|----------------|---------|-----------|-------|-----------|--|---------|---------|-----------|--------|-----------|--------|-----------------------|---------|--|---------|------------|---------|
|                       | COUNTRY REGION |         | CURR LAST | MO YR | YR LAST   |  | TDT YR  | YR CURR |           | TDT YR | LAST YEAR |        | MO YR                 | YR LAST |  | TDT YR  | YR CURR YR |         |
| DRY FRUIT             |                |         |           |       |           |  |         |         |           |        |           |        |                       |         |  |         |            |         |
| DATES(SEP)            | MT             |         |           |       |           |  |         |         |           |        |           |        |                       |         |  |         |            |         |
| PAKISTAN              |                | 122     | 134       |       | 140       |  | 134     |         | 1,757     |        | 75        | 113    |                       | 101     |  | 113     |            | 1,708   |
| CHINA, PEOPLES R      |                | 26      | 6         |       | 26        |  | 6       |         | 592       |        | 43        | 18     |                       | 43      |  | 18      |            | 868     |
| OTHER                 |                | 91      | 172       |       | 124       |  | 234     |         | 414       |        | 228       | 358    |                       | 293     |  | 498     |            | 834     |
| Subtotal:-----        |                | 239     | 312       |       | 290       |  | 374     |         | 2,764     |        | 346       | 489    |                       | 437     |  | 630     |            | 3,410   |
| DRD FIG(SEP)          | MT             |         |           |       |           |  |         |         |           |        |           |        |                       |         |  |         |            |         |
| EU_15                 |                | 325     | 518       |       | 664       |  | 687     |         | 1,134     |        | 812       | 1,205  |                       | 1,687   |  | 1,604   |            | 2,736   |
| GREECE                |                | 299     | 502       |       | 638       |  | 671     |         | 1,069     |        | 706       | 1,161  |                       | 1,581   |  | 1,560   |            | 2,572   |
| TURKEY                |                | 232     | 50        |       | 348       |  | 50      |         | 1,420     |        | 447       | 114    |                       | 619     |  | 114     |            | 1,927   |
| MEXICO                |                | 45      | 90        |       | 233       |  | 205     |         | 365       |        | 178       | 273    |                       | 834     |  | 663     |            | 1,209   |
| OTHER                 |                | 15      | 0         |       | 15        |  | 2       |         | 28        |        | 47        | 0      |                       | 47      |  | 5       |            | 71      |
| Subtotal:-----        |                | 616     | 658       |       | 1,260     |  | 944     |         | 2,948     |        | 1,484     | 1,592  |                       | 3,188   |  | 2,386   |            | 5,943   |
| DRO RAISIN(AUG)       | MT             |         |           |       |           |  |         |         |           |        |           |        |                       |         |  |         |            |         |
| MEXICO                |                | 859     | 1,073     |       | 1,811     |  | 3,293   |         | 5,543     |        | 749       | 920    |                       | 1,538   |  | 2,651   |            | 4,929   |
| CHILE                 |                | 122     | 179       |       | 674       |  | 673     |         | 2,316     |        | 152       | 184    |                       | 814     |  | 781     |            | 2,807   |
| TURKEY                |                | 24      | 61        |       | 401       |  | 273     |         | 1,863     |        | 22        | 64     |                       | 355     |  | 280     |            | 1,871   |
| OTHER                 |                | 0       | 37        |       | 97        |  | 75      |         | 426       |        | 0         | 28     |                       | 118     |  | 64      |            | 447     |
| Subtotal:-----        |                | 1,006   | 1,350     |       | 2,984     |  | 4,314   |         | 10,148    |        | 923       | 1,196  |                       | 2,824   |  | 3,775   |            | 10,055  |
| FRUIT JUICE(SSE)      |                |         |           |       |           |  |         |         |           |        |           |        |                       |         |  |         |            |         |
| APPLE JUIC(JUL)       | KL             |         |           |       |           |  |         |         |           |        |           |        |                       |         |  |         |            |         |
| EU_15                 |                | 14,687  | 8,486     |       | 67,496    |  | 36,227  |         | 288,358   |        | 3,461     | 3,684  |                       | 13,523  |  | 14,969  |            | 75,810  |
| ARGENTINA             |                | 26,221  | 24,461    |       | 147,947   |  | 127,746 |         | 336,203   |        | 4,098     | 9,309  |                       | 22,651  |  | 45,944  |            | 71,749  |
| GERMANY               |                | 7,731   | 6,153     |       | 44,013    |  | 19,861  |         | 213,744   |        | 1,913     | 2,743  |                       | 8,740   |  | 8,406   |            | 57,562  |
| OTHER                 |                | 34,367  | 28,850    |       | 105,593   |  | 93,312  |         | 355,342   |        | 6,439     | 8,825  |                       | 17,716  |  | 31,067  |            | 79,096  |
| Subtotal:-----        |                | 75,276  | 61,798    |       | 321,037   |  | 257,285 |         | 979,904   |        | 13,999    | 21,818 |                       | 53,889  |  | 91,980  |            | 226,655 |
| FCO J(DEC)            | KL             |         |           |       |           |  |         |         |           |        |           |        |                       |         |  |         |            |         |
| BRAZIL                |                | 122,409 | 16,550    |       | 1,156,548 |  | 309,907 |         | 1,294,427 |        | 20,233    | 3,559  |                       | 212,501 |  | 63,691  |            | 235,899 |
| OTHER                 |                | 12,710  | 13,770    |       | 211,575   |  | 323,804 |         | 220,694   |        | 2,924     | 3,480  |                       | 50,411  |  | 77,270  |            | 52,557  |
| Subtotal:-----        |                | 135,119 | 30,320    |       | 1,368,123 |  | 633,711 |         | 1,515,121 |        | 23,157    | 7,039  |                       | 262,912 |  | 140,961 |            | 288,456 |
| GRAPE JU(JAN)         | KL             |         |           |       |           |  |         |         |           |        |           |        |                       |         |  |         |            |         |
| EU_15                 |                | 226     | 78        |       | 21,720    |  | 3,213   |         | 23,269    |        | 134       | 66     |                       | 11,723  |  | 1,895   |            | 12,643  |
| ITALY                 |                | 91      | 78        |       | 10,638    |  | 3,119   |         | 12,156    |        | 67        | 66     |                       | 5,570   |  | 1,849   |            | 6,471   |
| SPAIN                 |                | 127     | 0         |       | 10,898    |  | 69      |         | 10,898    |        | 56        | 0      |                       | 6,017   |  | 17      |            | 6,017   |
| BRAZIL                |                | 1,369   | 1,032     |       | 11,494    |  | 7,452   |         | 12,663    |        | 421       | 338    |                       | 4,033   |  | 2,552   |            | 4,500   |
| OTHER                 |                | 3,907   | 12,866    |       | 24,371    |  | 51,274  |         | 30,935    |        | 1,279     | 3,236  |                       | 7,487   |  | 14,351  |            | 9,537   |
| Subtotal:-----        |                | 5,502   | 13,975    |       | 57,585    |  | 61,939  |         | 66,866    |        | 1,834     | 3,640  |                       | 23,243  |  | 18,799  |            | 26,679  |
| PNEAPL JUNC(JAN)      | KL             |         |           |       |           |  |         |         |           |        |           |        |                       |         |  |         |            |         |
| PHILIPPINES           |                | 9,790   | 12,652    |       | 83,898    |  | 90,605  |         | 95,904    |        | 1,272     | 1,845  |                       | 13,731  |  | 12,528  |            | 15,324  |
| THAILAND              |                | 3,106   | 2,044     |       | 79,024    |  | 88,191  |         | 92,632    |        | 477       | 433    |                       | 12,460  |  | 15,725  |            | 14,423  |
| OTHER                 |                | 2,107   | 4,049     |       | 20,702    |  | 18,522  |         | 24,503    |        | 453       | 890    |                       | 4,761   |  | 4,312   |            | 5,518   |
| Subtotal:-----        |                | 15,004  | 18,745    |       | 183,624   |  | 197,318 |         | 213,039   |        | 2,202     | 3,167  |                       | 30,952  |  | 32,565  |            | 35,265  |
| PNEAPL JUNC(JAN)      | KL             |         |           |       |           |  |         |         |           |        |           |        |                       |         |  |         |            |         |
| PHILIPPINES           |                | 4,674   | 3,063     |       | 38,539    |  | 44,700  |         | 43,380    |        | 1,067     | 941    |                       | 10,749  |  | 13,865  |            | 12,278  |
| THAILAND              |                | 646     | 139       |       | 8,244     |  | 10,064  |         | 10,030    |        | 567       | 105    |                       | 6,870   |  | 8,137   |            | 8,176   |
| OTHER                 |                | 847     | 1,941     |       | 7,559     |  | 10,988  |         | 10,691    |        | 142       | 314    |                       | 1,517   |  | 2,073   |            | 2,058   |
| Subtotal:-----        |                | 6,167   | 5,143     |       | 54,342    |  | 65,752  |         | 64,101    |        | 1,776     | 1,360  |                       | 19,137  |  | 24,075  |            | 22,511  |
| FROZEN FRUIT          |                |         |           |       |           |  |         |         |           |        |           |        |                       |         |  |         |            |         |
| FZN STRBRY(DEC)       | MT             |         |           |       |           |  |         |         |           |        |           |        |                       |         |  |         |            |         |
| MEXICO                |                | 23      | 149       |       | 17,734    |  | 25,728  |         | 17,926    |        | 25        | 113    |                       | 16,988  |  | 24,182  |            | 17,210  |
| OTHER                 |                | 84      | 0         |       | 846       |  | 688     |         | 866       |        | 122       | 137    |                       | 2,132   |  | 2,171   |            | 2,208   |
| Subtotal:-----        |                | 106     | 149       |       | 18,580    |  | 26,416  |         | 18,792    |        | 147       | 250    |                       | 19,120  |  | 26,353  |            | 19,418  |
| FRESH VEGETABLES      |                |         |           |       |           |  |         |         |           |        |           |        |                       |         |  |         |            |         |
| FR BEANS(OCT)         | MT             |         |           |       |           |  |         |         |           |        |           |        |                       |         |  |         |            |         |
| MEXICO                |                | 25      | 116       |       | 25        |  | 116     |         | 12,543    |        | 41        | 141    |                       | 41      |  | 141     |            | 20,264  |
| OTHER                 |                | 20      | 20        |       | 20        |  | 20      |         | 1,656     |        | 19        | 19     |                       | 19      |  | 19      |            | 1,360   |
| Subtotal:-----        |                | 45      | 136       |       | 45        |  | 136     |         | 14,198    |        | 60        | 159    |                       | 60      |  | 159     |            | 21,624  |
| FR CARROT(OCT)        | MT             |         |           |       |           |  |         |         |           |        |           |        |                       |         |  |         |            |         |
| CANADA                |                | 11,381  | 11,182    |       | 11,381    |  | 11,182  |         | 73,712    |        | 2,714     | 2,921  |                       | 2,714   |  | 2,921   |            | 22,668  |
| MEXICO                |                | 5       | 963       |       | 5         |  | 963     |         | 27,215    |        | 9         | 154    |                       | 9       |  | 154     |            | 4,195   |
| OTHER                 |                | 21      | 2         |       | 21        |  | 2       |         | 242       |        | 9         | 2      |                       | 9       |  | 2       |            | 202     |
| Subtotal:-----        |                | 11,408  | 12,148    |       | 11,408    |  | 12,148  |         | 101,168   |        | 2,732     | 3,078  |                       | 2,732   |  | 3,078   |            | 27,065  |
| FR CA88AGE(OCT)       | MT             |         |           |       |           |  |         |         |           |        |           |        |                       |         |  |         |            |         |
| CANADA                |                | 2,966   | 4,061     |       | 2,966     |  | 4,061   |         | 25,106    |        | 702       | 1,112  |                       | 702     |  | 1,112   |            | 6,713   |
| MEXICO                |                | 610     | 1,072     |       | 610       |  | 1,072   |         | 8,547     |        | 118       | 178    |                       | 118     |  | 178     |            | 1,690   |
| OTHER                 |                | 0       | 0         |       | 0         |  | 0       |         | 34        |        | 0         | 1      |                       | 0       |  | 1       |            | 25      |
| Subtotal:-----        |                | 3,576   | 5,133     |       | 3,576     |  | 5,133   |         | 33,687    |        | 820       | 1,291  |                       | 820     |  | 1,291   |            | 8,428   |
| FR CELERY(OCT)        | MT             |         |           |       |           |  |         |         |           |        |           |        |                       |         |  |         |            |         |
| MEXICO                |                | 0       | 0         |       | 0         |  | 0       |         | 20,056    |        | 0         | 0      |                       | 0       |  | 0       |            | 8,951   |
| OTHER                 |                | 282     | 343       |       | 282       |  | 343     |         | 3,951     |        | 70        | 87     |                       | 70      |  | 87      |            | 1,337   |
| Subtotal:-----        |                | 282     | 343       |       | 282       |  | 343     |         | 24,006    |        | 70        | 87     |                       | 70      |  | 87      |            | 10,289  |
| FR CUCM8R(OCT)        | MT             |         |           |       |           |  |         |         |           |        |           |        |                       |         |  |         |            |         |
| MEXICO                |                | 2,660   | 5,933     |       | 2,660     |  | 5,933   |         | 216,388   |        | 1,193     | 1,233  |                       | 1,193   |  | 1,233   |            | 119,326 |
| OTHER                 |                | 458     | 462       |       | 458       |  | 462     |         | 21,095    |        | 482       | 569    |                       | 482     |  | 569     |            | 8,193   |
| Subtotal:-----        |                | 3,118   | 6,395     |       | 3,118     |  | 6,395   |         | 237,483   |        | 1,676     | 1,802  |                       |         |  |         |            |         |

U.S. IMPORTS OF SELECTED HORTICULTURAL COMMODITIES BY ORIGIN  
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| COMMODITY AND COUNTRY | QUANTITY       |        |           |       |           |       |         |     |         |        |           |           | VALUE (1,000 DOLLARS) |           |       |         |        |             |           |
|-----------------------|----------------|--------|-----------|-------|-----------|-------|---------|-----|---------|--------|-----------|-----------|-----------------------|-----------|-------|---------|--------|-------------|-----------|
|                       | COUNTRY REGION |        | CURR LAST | MO YR | CURR LAST | MO YR | YR LAST | TDT | YR CURR | TDT YR | LAST YEAR | CURR LAST | MO YR                 | CURR CURR | MO YR | YR LAST | TOT YR | YR TDT CURR | YR TDT YR |
| FRESH VEGETABLES      |                |        |           |       |           |       |         |     |         |        |           |           |                       |           |       |         |        |             |           |
| FR TOMATO(OCT)        | MT             |        |           |       |           |       |         |     |         |        |           |           |                       |           |       |         |        |             |           |
| MEXICO                |                | 13,806 | 27,687    |       | 13,806    |       | 27,687  |     | 534,344 |        | 9,111     | 15,388    |                       | 9,111     |       | 15,388  |        | 366,385     |           |
| OTHER                 |                | 1,172  | 2,050     |       | 1,172     |       | 2,050   |     | 25,427  |        | 1,771     | 3,318     |                       | 1,771     |       | 3,318   |        | 39,682      |           |
| Subtotal:-----        |                | 14,978 | 29,737    |       | 14,978    |       | 29,737  |     | 559,771 |        | 10,882    | 18,706    |                       | 10,882    |       | 18,706  |        | 406,067     |           |
| FR ASPARG(OCT)        | MT             |        |           |       |           |       |         |     |         |        |           |           |                       |           |       |         |        |             |           |
| MEXICO                |                | 303    | 195       |       | 303       |       | 195     |     | 21,447  |        | 406       | 384       |                       | 406       |       | 384     |        | 36,319      |           |
| PERU                  |                | 1,704  | 1,665     |       | 1,704     |       | 1,665   |     | 9,226   |        | 2,671     | 3,280     |                       | 2,671     |       | 3,280   |        | 14,544      |           |
| OTHER                 |                | 940    | 1,447     |       | 940       |       | 1,447   |     | 3,959   |        | 894       | 1,498     |                       | 894       |       | 1,498   |        | 4,800       |           |
| Subtotal:-----        |                | 2,946  | 3,306     |       | 2,946     |       | 3,306   |     | 34,632  |        | 3,971     | 5,162     |                       | 3,971     |       | 5,162   |        | 55,664      |           |
| CANNED VEGETABLES     |                |        |           |       |           |       |         |     |         |        |           |           |                       |           |       |         |        |             |           |
| CND TOM PST(JUL)      | MT             |        |           |       |           |       |         |     |         |        |           |           |                       |           |       |         |        |             |           |
| MEXICO                |                | 0      | 3         |       | 605       |       | 3       |     | 7,746   |        | 0         | 2         |                       | 425       |       | 2       |        | 6,334       |           |
| CANADA                |                | 37     | 124       |       | 395       |       | 195     |     | 6,814   |        | 38        | 132       |                       | 257       |       | 193     |        | 4,527       |           |
| CHILE                 |                | 74     | 128       |       | 883       |       | 1,849   |     | 4,121   |        | 54        | 114       |                       | 695       |       | 1,374   |        | 3,133       |           |
| OTHER                 |                | 369    | 512       |       | 1,389     |       | 1,848   |     | 4,406   |        | 261       | 478       |                       | 823       |       | 1,645   |        | 3,173       |           |
| Subtotal:-----        |                | 480    | 766       |       | 3,272     |       | 3,894   |     | 23,087  |        | 353       | 726       |                       | 2,199     |       | 3,213   |        | 17,167      |           |
| CND TOM SAUCE(JUL)    | MT             |        |           |       |           |       |         |     |         |        |           |           |                       |           |       |         |        |             |           |
| EU_15                 |                | 1,087  | 787       |       | 3,435     |       | 1,940   |     | 10,090  |        | 704       | 875       |                       | 2,384     |       | 1,855   |        | 9,414       |           |
| SPAIN                 |                | 821    | 160       |       | 2,737     |       | 259     |     | 6,254   |        | 612       | 549       |                       | 2,041     |       | 889     |        | 7,416       |           |
| MOROCCO               |                | 343    | 0         |       | 1,307     |       | 480     |     | 4,648   |        | 409       | 0         |                       | 1,127     |       | 1,632   |        | 6,295       |           |
| CANADA                |                | 905    | 2,340     |       | 1,290     |       | 4,927   |     | 6,056   |        | 549       | 1,528     |                       | 930       |       | 3,349   |        | 4,194       |           |
| OTHER                 |                | 334    | 562       |       | 1,418     |       | 2,766   |     | 4,586   |        | 208       | 345       |                       | 925       |       | 1,494   |        | 2,831       |           |
| Subtotal:-----        |                | 2,669  | 3,689     |       | 7,450     |       | 10,112  |     | 25,379  |        | 1,870     | 2,748     |                       | 5,366     |       | 8,329   |        | 22,734      |           |
| CND TOMATO(JUL)       | MT             |        |           |       |           |       |         |     |         |        |           |           |                       |           |       |         |        |             |           |
| CHILE                 |                | 1,249  | 1,352     |       | 5,885     |       | 6,016   |     | 15,843  |        | 632       | 632       |                       | 2,813     |       | 2,701   |        | 7,084       |           |
| EU_15                 |                | 1,913  | 2,129     |       | 7,005     |       | 6,272   |     | 21,746  |        | 478       | 533       |                       | 2,275     |       | 1,668   |        | 6,394       |           |
| ITALY                 |                | 1,913  | 2,112     |       | 6,954     |       | 6,089   |     | 21,574  |        | 478       | 528       |                       | 2,260     |       | 1,600   |        | 6,343       |           |
| ISRAEL                |                | 250    | 1,506     |       | 3,434     |       | 12,645  |     | 10,457  |        | 79        | 927       |                       | 998       |       | 7,887   |        | 3,932       |           |
| OTHER                 |                | 49     | 335       |       | 475       |       | 840     |     | 1,828   |        | 24        | 160       |                       | 245       |       | 375     |        | 849         |           |
| Subtotal:-----        |                | 3,461  | 5,322     |       | 16,798    |       | 25,773  |     | 49,875  |        | 1,212     | 2,252     |                       | 6,331     |       | 12,631  |        | 18,260      |           |
| CND MSHROOM(JUL)      | MT             |        |           |       |           |       |         |     |         |        |           |           |                       |           |       |         |        |             |           |
| CHINA, PEOPLES R      |                | 376    | 921       |       | 5,773     |       | 9,775   |     | 25,173  |        | 772       | 1,973     |                       | 10,127    |       | 21,255  |        | 48,192      |           |
| INDONESIA             |                | 1,635  | 1,277     |       | 5,602     |       | 4,858   |     | 17,996  |        | 4,212     | 3,309     |                       | 14,098    |       | 12,728  |        | 47,163      |           |
| OTHER                 |                | 2,195  | 1,714     |       | 9,679     |       | 7,050   |     | 27,676  |        | 5,334     | 4,190     |                       | 22,899    |       | 17,006  |        | 67,047      |           |
| Subtotal:-----        |                | 4,206  | 3,913     |       | 21,054    |       | 21,682  |     | 70,844  |        | 10,317    | 9,471     |                       | 47,123    |       | 50,989  |        | 162,402     |           |
| FROZEN VEGETABLES     |                |        |           |       |           |       |         |     |         |        |           |           |                       |           |       |         |        |             |           |
| FZN 8ROCLI(SEP)       | MT             |        |           |       |           |       |         |     |         |        |           |           |                       |           |       |         |        |             |           |
| MEXICO                |                | 11,186 | 12,754    |       | 19,839    |       | 23,932  |     | 147,045 |        | 6,907     | 7,063     |                       | 12,156    |       | 13,327  |        | 85,384      |           |
| OTHER                 |                | 1,676  | 2,517     |       | 4,022     |       | 5,800   |     | 19,111  |        | 1,186     | 1,878     |                       | 2,828     |       | 4,340   |        | 13,903      |           |
| Subtotal:-----        |                | 12,862 | 15,271    |       | 23,861    |       | 29,732  |     | 166,156 |        | 8,093     | 8,941     |                       | 14,984    |       | 17,667  |        | 99,287      |           |
| FZN CAULFLR(SEP)      | MT             |        |           |       |           |       |         |     |         |        |           |           |                       |           |       |         |        |             |           |
| MEXICO                |                | 3,606  | 2,466     |       | 5,376     |       | 3,449   |     | 23,066  |        | 2,512     | 1,556     |                       | 3,841     |       | 2,203   |        | 14,886      |           |
| OTHER                 |                | 304    | 247       |       | 816       |       | 343     |     | 2,611   |        | 160       | 188       |                       | 523       |       | 253     |        | 1,757       |           |
| Subtotal:-----        |                | 3,910  | 2,713     |       | 6,192     |       | 3,792   |     | 25,677  |        | 2,672     | 1,744     |                       | 4,363     |       | 2,456   |        | 16,642      |           |
| FZN POTATO(SEP)       | MT             |        |           |       |           |       |         |     |         |        |           |           |                       |           |       |         |        |             |           |
| CANADA                |                | 12,258 | 13,925    |       | 22,585    |       | 25,132  |     | 157,531 |        | 6,711     | 8,543     |                       | 12,517    |       | 15,382  |        | 94,960      |           |
| OTHER                 |                | 34     | 5         |       | 54        |       | 23      |     | 300     |        | 54        | 10        |                       | 68        |       | 39      |        | 394         |           |
| Subtotal:-----        |                | 12,292 | 13,931    |       | 22,639    |       | 25,155  |     | 157,832 |        | 6,765     | 8,553     |                       | 12,585    |       | 15,421  |        | 95,354      |           |
| TREE NUTS             |                |        |           |       |           |       |         |     |         |        |           |           |                       |           |       |         |        |             |           |
| PISTACHIO NSH(SEP)    | MT             |        |           |       |           |       |         |     |         |        |           |           |                       |           |       |         |        |             |           |
| TURKEY                |                | 0      | 30        |       | 4         |       | 105     |     | 68      |        | 0         | 78        |                       | 7         |       | 273     |        | 210         |           |
| CHINA, PEOPLES R      |                | 0      | 0         |       | 0         |       | 0       |     | 68      |        | 0         | 0         |                       | 0         |       | 0       |        | 112         |           |
| OTHER                 |                | 0      | 0         |       | 0         |       | 0       |     | 8       |        | 2         | 0         |                       | 0         |       | 0       |        | 12          |           |
| Subtotal:-----        |                | 0      | 30        |       | 4         |       | 113     |     | 138     |        | 0         | 78        |                       | 7         |       | 285     |        | 330         |           |
| CASHEW NUT(AUG)       | MT             |        |           |       |           |       |         |     |         |        |           |           |                       |           |       |         |        |             |           |
| INDIA                 |                | 3,760  | 2,412     |       | 11,333    |       | 8,049   |     | 31,403  |        | 16,299    | 12,112    |                       | 49,858    |       | 37,550  |        | 136,022     |           |
| BRAZIL                |                | 1,218  | 1,803     |       | 4,121     |       | 5,184   |     | 22,358  |        | 5,451     | 9,168     |                       | 18,907    |       | 25,290  |        | 100,544     |           |
| OTHER                 |                | 328    | 491       |       | 1,119     |       | 1,264   |     | 2,995   |        | 1,307     | 2,312     |                       | 4,976     |       | 5,638   |        | 12,754      |           |
| Subtotal:-----        |                | 5,305  | 4,705     |       | 16,574    |       | 14,496  |     | 56,757  |        | 23,056    | 23,592    |                       | 73,741    |       | 68,478  |        | 249,321     |           |
| FILBERTS(AUG)         | MT             |        |           |       |           |       |         |     |         |        |           |           |                       |           |       |         |        |             |           |
| TURKEY                |                | 286    | 111       |       | 462       |       | 1,366   |     | 5,910   |        | 945       | 394       |                       | 1,704     |       | 4,930   |        | 21,149      |           |
| OTHER                 |                | 43     | 249       |       | 69        |       | 376     |     | 247     |        | 76        | 288       |                       | 176       |       | 470     |        | 812         |           |
| Subtotal:-----        |                | 329    | 360       |       | 531       |       | 1,743   |     | 6,157   |        | 1,021     | 682       |                       | 1,880     |       | 5,400   |        | 21,961      |           |
| PECANS NSH(SEP)       | MT             |        |           |       |           |       |         |     |         |        |           |           |                       |           |       |         |        |             |           |
| MEXICO                |                | 1,660  | 1,665     |       | 1,748     |       | 1,999   |     | 19,219  |        | 2,482     | 2,035     |                       | 2,594     |       | 2,544   |        | 37,949      |           |
| OTHER                 |                | 41     | 0         |       | 41        |       | 0       |     | 41      |        | 68        | 0         |                       | 68        |       | 0       |        | 68          |           |
| Subtotal:-----        |                | 1,701  | 1,665     |       | 1,789     |       | 1,999   |     | 19,260  |        | 2,550     | 2,035     |                       | 2,661     |       | 2,544   |        | 38,016      |           |
| WINES                 |                |        |           |       |           |       |         |     |         |        |           |           |                       |           |       |         |        |             |           |
| CHMP&SPRK WN(JAN)     | KL             |        |           |       |           |       |         |     |         |        |           |           |                       |           |       |         |        |             |           |
| EU_15                 |                | 5,632  | 6,945     |       | 21,792    |       | 22,582  |     | 29,631  |        | 49,892    | 68,193    |                       | 205,790   |       | 220,335 |        | 269,026     |           |
| FRANCE                |                | 1,769  | 2,270     |       | 7,869</   |       |         |     |         |        |           |           |                       |           |       |         |        |             |           |

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